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[Charged as two words only.]

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APRIL 1, 1916.

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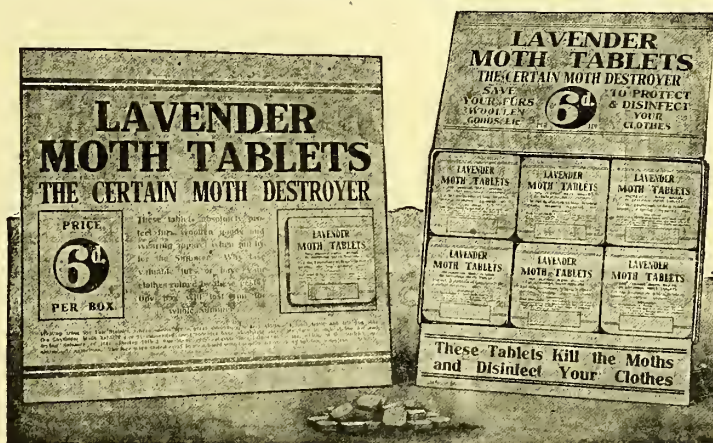


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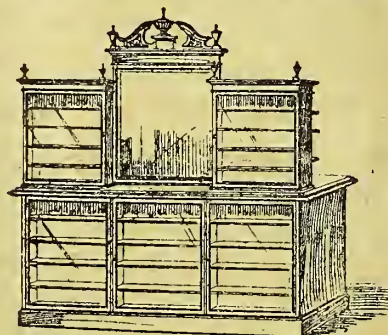
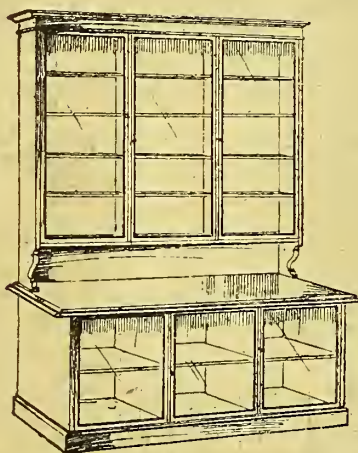
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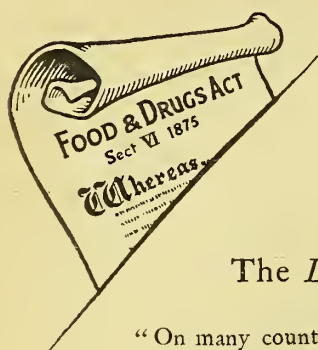
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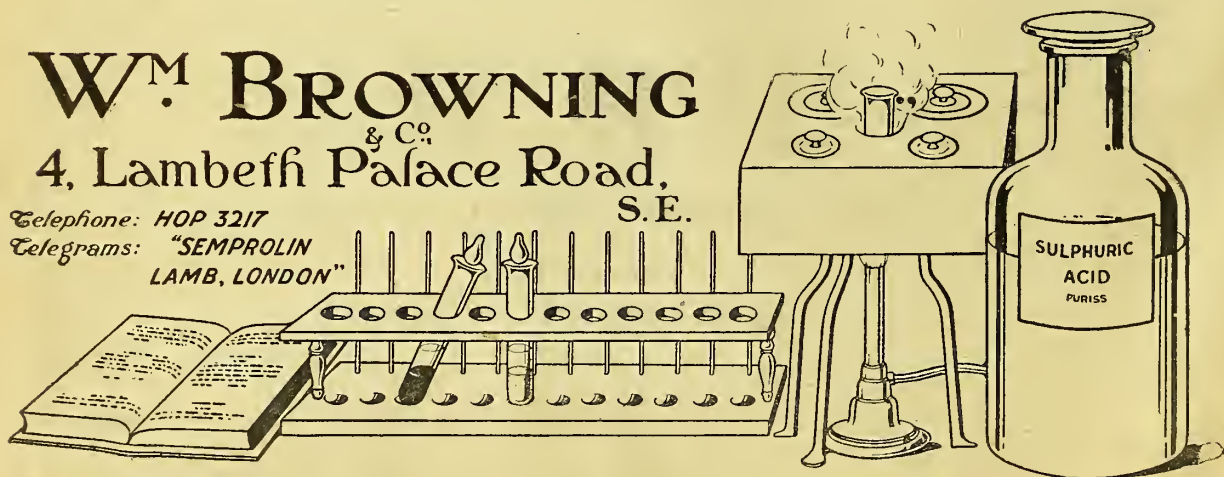
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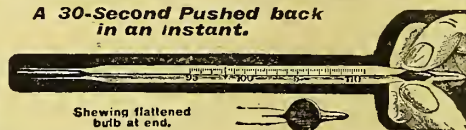
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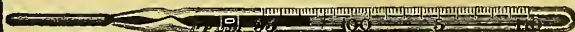


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" "	- -	1/- "	8/-
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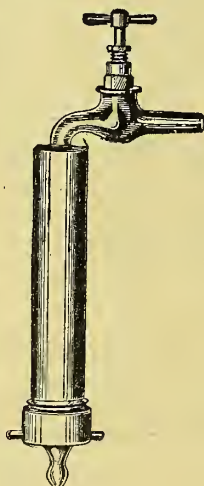
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Creosote Carbonate	Potassium Sulpho- Guaiacolate
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Formaldehyde	Quinine Ethyl Carbonate
Gallic Acid	Salicylate of Soda
Glycerophosphates	Sugar of Milk
Guaiacol Carbonate	Tannic Acid
Heliotropin	Tannin Albuminate
Hexamine	Terpineol
Homatropine	Theobromine
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in a report dated January 25, 1916, states, "The results of the tests indicate that the samples submitted of ROYAL WORCESTER LABORATORY WARE are of a quality very satisfactory for laboratory use, and in regard to all the qualities which can be compared in a short period test they are AS GOOD AS THE BEST LABORATORY WARE HITHERTO EMPLOYED, of which the Royal Berlin Ware is a typical example."

ROYAL WORCESTER Laboratory Porcelain

CRUCIBLES, EVAPORATING BASINS, COMBUSTION TUBES AND BOATS, BEAKERS, FUNNELS, SIEVE PLATES, PNEUMATIC TROUGHS, &c., in standard forms and sizes. Can be obtained from the leading apparatus dealers. A catalogue is in course of preparation. The WORCESTER ROYAL PORCELAIN CO., Ltd., WORCESTER, England. Trade Mark "Royal Worcester"



TOMMY'S COOKER.

A Marvel of Simplicity & Utility

Is the most welcome gift to soldiers in the trenches... Give him one before he leaves for the front. ... For preparing food out of doors it is perfection.

Used by the British, Belgian and French Army in the Field, and the Red Cross Society.

PRICE, 1/- REFILLS, 2/-

ADVANTAGES.—1. Wind does not blow it out. 2. Composition unaffected by weather or climate. 3. Stand carries heavy pots or pans.

Tommy's Cooker Co. Ltd.

Works: 32 BREWERY ROAD, N.



Eau de Cologne "RHEIMS" Brand

6	Bottles	...	...	per doz.	4/6
1/-	"	....	....	"	9/-
2/-	"	....	....	"	15/-

Subject to usual 5% discount.

A good lasting perfume selling freely as a patriotic line wherever it is shown.

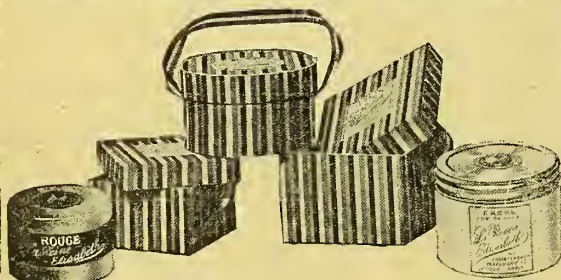
"Newbery's"
CHARTERHOUSE SQUARE LONDON

IMPORTANT NOTICE

The Anglo-French Perfumery Co. (Incorporated with the Parfumerie Aristocratique of Paris) have established a branch at 69 Hatton Garden, London, E.C., where they are manufacturing their high-class Toilet Preparations, viz., Face Powders, Cream, Face Milk and Lotions for all climates; also Rouge Nail Preparations, Perfumes, French and Russian Eau de Cologne, and Hair Requisites. Shippers requiring Toilet Preparations for Export are specially catered for (Customers' labels supplied with goods if required).

A New and Novel Line which is creating a big demand—packed in true Belgian colours—is very attractive, and makes a grand display in the window.

The Triple Entente of the Toilet Table—
"LA REINE ELISABETH"



Powder	...	10/- and 15/6 doz. boxes
Cream Vanishing & Skin Food (non-greasy)	...	12/-, 15/- doz. pots
Rouge	...	12/-

Apply for Prices and Samples to

69 Hatton Garden, LONDON, E.C.

Terpineol

FOR

**SOAP MAKERS
and PURIFIED**

**Societa Profumi Sintetici,
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Telegrams:

"SOPROSI, NAPLES."

WRITE FOR GRATIS SAMPLES.

Maw'sS MAWSON & SONS
(GPO BOX N° 54)
7-12, ALDERSGATE ST.
LONDON E.C.**Page**

No. 233.

APRIL 1, 1916.

Attracting the Florins.

Recruits are interested in Razors! An Army Order recently issued states that all men joining the colours, directly or for the Reserve, now receive 2/- in lieu of a razor. This means that many soldiers will be buying shaving outfits. In the numerous centres where the new armies are being trained, Pharmacists should especially see that their stock of razors is ready for a critical inspection by the men.

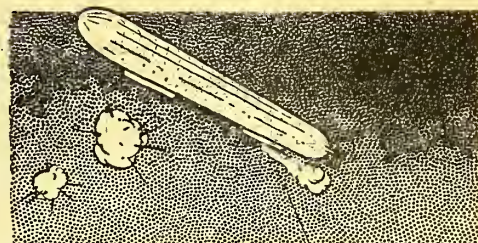
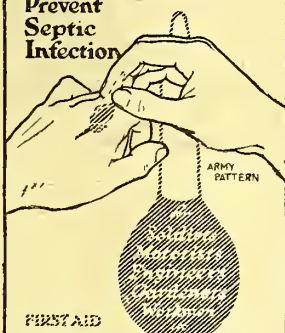
Why not devote some of your window space to safety and ordinary patterns? With every razor you sell you will probably dispose of a stick of shaving cream or a shaving brush—so that there is more behind the proposition than is at first apparent.

Once interest a few soldiers in your display, and you will obtain a steady flow of customers. New supplies of "safety" blades mean more business. The success of this scheme depends, of course, upon the quality of the goods you sell. "Tommy" is a keen buyer, and will appreciate, and recommend, patterns such as the following.

One of the most convenient and serviceable safety razors is undoubtedly the "Invincible" Pocket Set. It comprises our famous pattern put up in a neat dark green leather case, with division for blade, the whole measuring 3½ in. by 2½ in., made to fit the soldier's pocket. The price, 15/- dozen, is reasonable, and we have no hesitation in recommending this line.

Many men still favour the ordinary razor; and here again we can help you in your selection. We have a range at 13/- and 24/- per dozen, most suitable for the purpose. Details of the full range may be had on request.

The above notes should offer sufficient reasons to induce you to attract the florins. Make your windows topical in interest.

CapsulePrevent
Septic
Infection

FIRST AID

**TINCTURE
OF IODINE
AMPOULES**

S. MAWSON & SONS

A "RAID" ON SEPTIC INFECTION.

The application of a Maw's Tincture of Iodine Ampoule to a cut ensures complete prevention against poisoned blood. It sterilizes the skin surface, and safeguards the patient. Maw's Ampoules are a popular line in "air raid" areas. As supplied to the soldiers, in cardboard tubes.

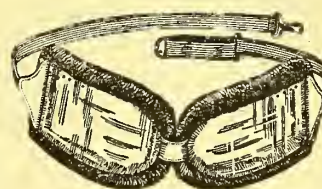
Price **18/-** Gross.Also in Metal Cases **2/6** Dozen.

Showcard, as illustrated, free.

(See last week's "Maw's Page.")

SURGICAL DRESSINGS.

We are open to receive inquiries for all kinds of fine quality bandages, lints, wools, and standard antiseptics. We hold stocks representative of the best productions of British mills. If you require value and reasonable prices, write for quotations.



AIR RAID GOGGLES.

Non-inflammable, and fitted with chenille edge, these goggles will be found a useful protection for the eyes during air raids, effectively keeping out dust and fumes. This is a line to introduce to special constables, as well as to the general public. **14/-** Dozen.

Telephone: City 7 (Private Branch Exchange).
Telegrams: "Eleven Cent London."

FIRST AID REQUISITES

Serviceable Ambulance Boxes are a necessity in all menaced districts.

D 1/B consists of neat japanned tin to hang on wall. Dimensions 10x6x3½ in. It contains a liberal supply of adhesive plasters, bandages, boric ointment, wool and lint, friars balsam, gauze, safety pins, needles and thread, scissors, splints, tape and web tourniquet. Weight about 4 lb. Price 11/-

D 2/B, smaller size, and containing a selection of above. Dimensions 8½x6x2½ in. Weight about 2½ lb. Price 6/6.

D 3/B. Japanned tin, black with red cross, specially designed for motors, side-cars, &c. Dimensions 6x3½x2 in. Weight about 18 ounces. Price 5/6.

*Write to us
for your
Ambulance
Requirements*

ELEY BROTHERS, LIMITED

specialise in the manufacture of
the following articles at the
lowest prices :

Shaving Stick Cases

Oval and Round Tops

for Powder Tins, Cruets,
Dredgers, etc.

Metal Boxes

for Dentifrices, Soap Tablets, etc.

Ferrules

for Walking Sticks, Whips,
Bamboo Fittings, etc.

Pencil Fittings

in any of the following metals :
Brass, Copper, or White-metal
(nickel or silver - plated),
Aluminium and Jewellers' Metal
(Tombac).

ELEY BROTHERS, Ltd.

(Dept. 21), Edmonton, London, N.

EMREH

"SEMREH" CAPS are a
Scientific Method.

Self-Fixing Bottle Caps

Booklet on request.
VISCOSE DEVELOPMENT CO., Ltd.
BROMLEY, KENT.

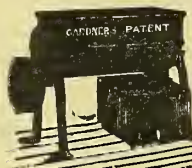


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SPIRIT-PROOF.

GARDNER'S PATENT

"RAPID" SIFTERS & MIXERS

OVER 4,000 working in
almost every Trade where
POWDERS are Sifted and
Mixed and Lumps Re-
duced, all being done at
one operation and without
loss by dust.



FOR HAND OR POWER

From 55/- to £90.

CATALOGUES FREE

WM. GARDNER & SONS, Engineers, GLOUCESTER

STIPENDUM CORK STOPPERS

in
all sizes
suitable for
KALIS, CITRATES,
DISPENSING, and all
FLUIDS.

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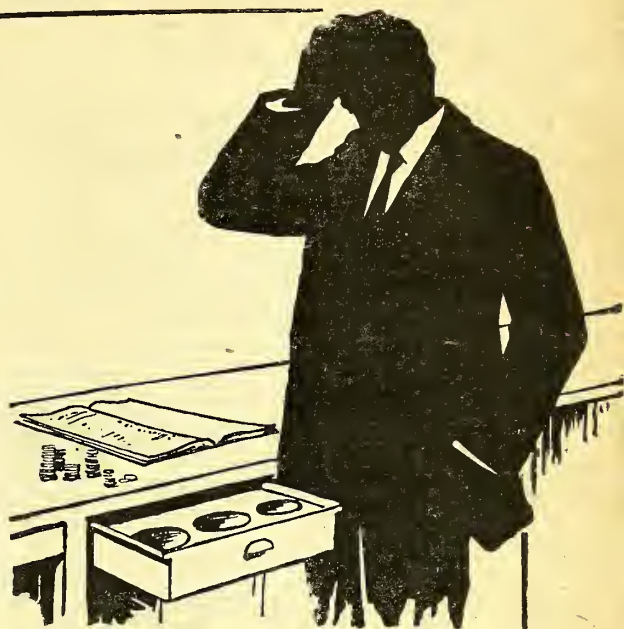
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THE BEST FOR FACE AND TOOTH POWDERS,
PASTES, AND OINTMENTS.
GREASE PROOF.

For Samples & particulars apply to

The
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Let a "National" help you
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MANY Tradesmen are to-day sorely tried in the accurate and careful running of Business through the loss of assistants who have proved their worth.

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Please send, without charge or obligation, your
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"CHEMIST & DRUGGIST"

COUPON.

EVIDENCE FROM DOCTORS.

SOME EXCERPTS FROM THE SANAPHOS PETITION.

"Having several times tested Sanatogen, and latterly Sanaphos, I consider the latter a better preparation than Sanatogen."—*Med. Off. of Health.*

"Sanaphos is, in my opinion, superior to any similar product."—*M.R.C.S., L.R.C.P.*

"I tried Sanatogen when it first came out and never found a patient benefit the slightest by taking it. But Sanaphos has worked wonders in many cases."—*M.R.C.S. Eng.*

"Since the introduction of 'Sanaphos' I have always prescribed it in preference to 'Sanatogen,' and consider it superior and more readily assimilated."—*L.R.C.P.I.*

"No comparison. Sanaphos superior in all respects."—*L.R.C.P.E., L.R.C.S.E., L.F.P.S., nr. Manchester.*

"I used to prescribe Sanatogen, but never again; always in future Sanaphos."—*Mayfair, W.*

"Sanaphos I consider superior to Sanatogen."—*L.R.C.P. & S., Sheffield.*

"I believe Sanaphos as a Nerve Tonic to be superior to Sanatogen."—*M.D., L.R.C.P., F.R.C.S.E.*

"Sanaphos is quite as good, if not better than Sanatogen."—*M.R.C.S., L.R.C.P. Lond., Fleet Surgeon R.N. Ret'd.*

"Have used Sanatogen, now prefer Sanaphos."—*L.D.S. (Dental Surgeon), St. Albans.*

"I used Sanatogen before I tested Sanaphos, but I have found the latter much more efficacious than the German production."—*Medical Practitioner, Harrow-on-the-Hill.*

"I consider Sanaphos an improvement on Sanatogen."—*Surgeon, Great Dover-st., S.E.*

"I find the Sanaphos quite as efficacious as Sanatogen."—*L.R.C.P., L.R.C.S.*

"Find Sanaphos much superior."—*L.R.C.P.E., L.R.C.S. Edin., S.W.*

"I used to take and recommend Sanatogen. I infinitely prefer Sanaphos, and always take it daily and recommend it to my patients."—*L.R.C.P., M.R.C.S., L.M., L.J.A.*

"I used Sanatogen extensively for many years, but I have found the latter much more efficacious than the German production."—*Medical Practitioner, Harrow-on-the-Hill.*

"I formerly used Sanatogen constantly, but find that Sanaphos completely replaces it in every way."—*M.B.A., N.W.*

"I consider Sanaphos far superior to Sanatogen. My patients derive great benefit from it."—*R.G.S., Leeds.*

"In my opinion Sanaphos is much superior to Sanatogen. I now recommend the former to my patients."—*M.B., C.M., Edin.*

"I believe Sanaphos to be superior to Sanatogen."—*Surgeon, Weston-super-Mare.*

"I consider Sanaphos much superior to Sanatogen."—*M.D., Bournemouth.*

"No German-owned article should be allowed during war, and only after it British workers be employed in the manufacture, unless imported under a Tariff."—*Surgeon, Walthamstow, N.E.*

"A British-made and British-owned product which is superior in every way should be furthered and not hampered by the Government."—*Dr., Dublin.*

"Have previously used Sanatogen, but have discarded it in favour of Sanaphos."—*M.B.*

"I have used both Sanatogen and Sanaphos in my family and in my practice, and am much better pleased with Sanaphos."—*L.R.C.P. Lond., M.R.C.I., Lanes.*

"I consider Sanaphos superior to Sanatogen."—*Physician and Surgeon, Bolton.*

"Patients soon revolt at Sanatogen and its price."—*M.D., Manchester.*

"Sanaphos being much better than Sanatogen."—*Dr., M.R.S., Kensington, W.*

"Having prescribed Sanaphos very largely since its introduction I am convinced it is superior to Sanatogen."—*L.R.C.P. and S.I., Cheshire.*

"Formerly I used to mention Sanatogen to my patients, but few of them liked it even amongst Hospital patients. Now I advise Sanaphos; my patients like it and take it, as do I, frequently; whereas I only took Sanatogen once."—*Dr., Plymouth.*

"Sanatogen was not a true chemical combination as stated, and this German-made article is inferior to Sanaphos."—*Dr., M.R.S., Kensington, W.*

"I was at one time a great believer in Sanatogen, and have prescribed many tins of it, but now find Sanaphos is a much superior preparation both in effectiveness and taste, and now consider it to be the best milk product made."—*L.R.C.P. and S.E., Medical Practitioner, Bath.*

"Sanaphos is convenient to use. More palatable and in every way superior to the German product."—*F.R.C.S. Eng., Plymouth.*

"I have given up Sanatogen in favour of Sanaphos."—*M.D. Lond., Westcliff-on-Sea.*

"I used to recommend Sanatogen, but now I find Sanaphos is better in every way."—*M.D., Lancing.*

"I used to prescribe Sanatogen because I did not know about Sanaphos, but now I never do. There is no comparison between the two preparations. Sanaphos affords relief both physically and mentally in a very short time. It is really a wonderful preparation."—*M.D., Sussex.*

"I am frequently ordering Sanaphos and much prefer it to the older and cruder preparation of Sanatogen."—*Physician and Surgeon, Berks.*

"I used to prescribe Sanatogen. I shall never do so again, especially as I find Sanaphos gives quicker and better results."—*L.R.C.P. Lond., etc., Warrand.*

"I formerly used Sanatogen personally and prescribed it for my patients. I now never use it, but always use and prescribe Sanaphos."—*M.D., West Kensington, W.*

"I have used and prescribed both, but much prefer Sanaphos."—*M.R.C.S.E., L.S.A., Leicester.*

"Sanaphos is very superior to any other preparation I have ever prescribed."—*L.S.A.L., etc., Middle.*

"Sanaphos is splendid stuff, and in my opinion distinctly superior to Sanatogen in every respect."—*Prof., D.M., Liverpool.*

"Although I used to order Sanatogen, I have ceased to do so for three years, considering Sanaphos a better product."—*M.D., Lond., Mayfair, W.*

"Do not prescribe Sanatogen now. Find Sanaphos better."—*M.D., Northallerton, Yorkshire.*

"I formerly recommended Sanatogen, but now recommend Sanaphos."—*M.D., M.C.H., Co. Down, Ire.*

"I have personally found Sanaphos equal to Sanatogen."—*M.D., Ch.S., Upper Cloucester-st., N.W.*

"I was a user of Sanatogen; I find Sanaphos preferable. If there were no Sanaphos, I still would recommend Sanatogen or any other German product."—*M.R.C.S., M.R.C.P., Devon.*

"I now prescribe Sanaphos as it is better and more palatable than Sanatogen."—*L.R.C.P.S.I., D.P.H. Lond., Co. Fermanagh.*

"I have used both Sanaphos and Sanatogen, and I believe Sanaphos is superior to Sanatogen."—*M.B., B.Ch., etc., Bowdley.*

"I have abandoned Sanatogen for Sanaphos, as I consider the latter to be superior."—*M.R.C.S., etc., Aylesbury.*

"I have used Sanatogen for years, but shall never do so again, finding Sanaphos superior in every way."—*L.R.C.P., M.R.C.S., etc., Newport, Mon.*

"Far superior to Sanatogen."—*L.D.S. Eng., Preston.*

"A few weeks ago the representative of Sanatogen called upon me to remind me that Sanatogen was still being made. I entirely refused to re-instate the product in my prescription, and told him that I should never support the business of an alien enemy. He told me that Waulfing would never be allowed to trade in England again, but I think that is extremely unlikely. I hope that he will not trade here again—through lack of customers. I have ordered Sanaphos lately in a post-operative case, and my patient expressed his satisfaction."—*Dr., Hampstead, N.W.*

"I gave Sanaphos to a small nephew of mine, aged five years, suffering from great emaciation, anæmia, and neurasthenia after a second operation for radical cure for hernia. The child soon commenced to respond to his new food, and is now a strong, healthy, and very active boy—due, I am sure, to Sanaphos. This induced me to give Sanaphos to two children much afflicted with anæmia. They responded better already. I have since given Sanaphos to a number of other children, and in every case the result has been the same."—*Dr., M.R.C.S., L.R.C.P., F.R.C.S.E., L.S.A., Leicester.*

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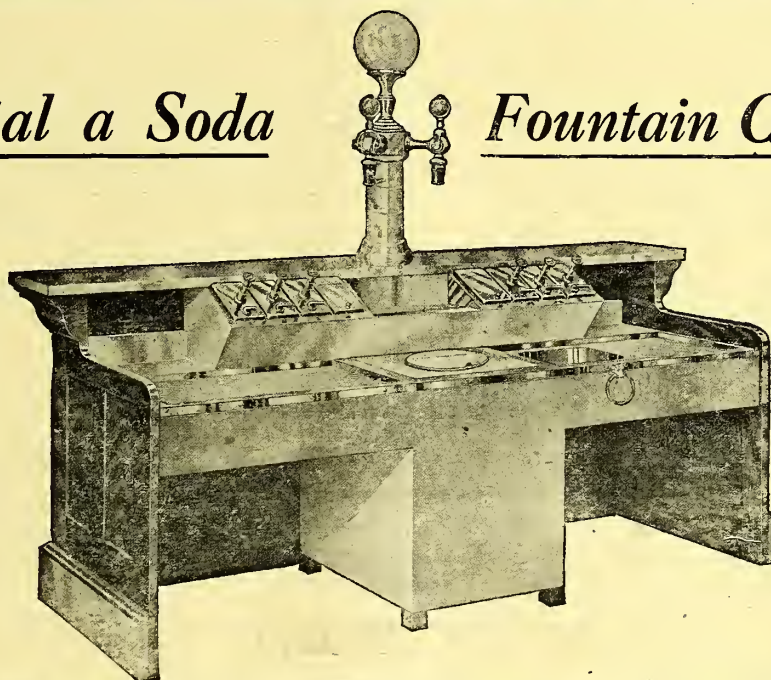
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Anti-Gun Deafness Device.

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(Mr. A. Mallock, F.R.S.—Messrs. Armstrong, Whitworth, Ltd.)

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SMALL SOUNDS HEARD CLEARLY FROM USUAL DISTANCES.

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A Big Line for the Chemist.
Thousands sold for use in
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Solid Fuel. No Spirit.

No Danger. Always Ready

PRICE 1/- REFILLS 1/9

Complete 4 in tin

Write for Revised Trade Terms
Prompt Deliveries
Attractive Window Matter

British Owned & Made.

THE LITTLE KITCHENER CO.,

Sole Proprietor,
ROBERT BLACKIE,

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Efficiency and Economy

are secured by ordering
"P., D. & Co." FLUID EXTRACTS

They are standardised, either chemically or physiologically. They occupy less space—from about one-fourth to one-twentieth of that required by ordinary galenicals of equal drug value.

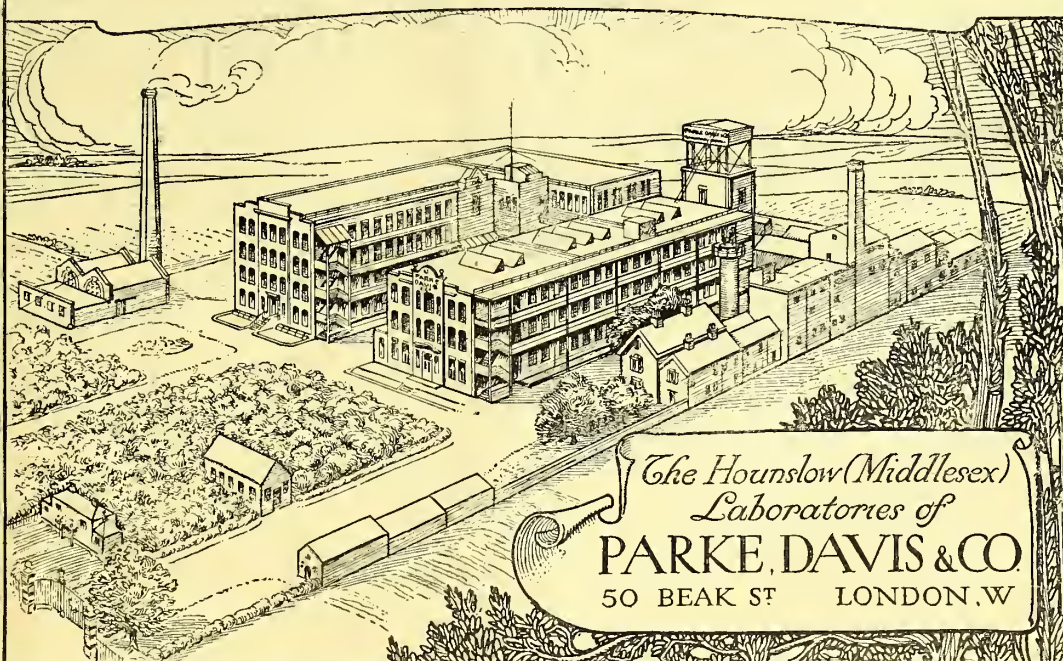
They lessen the amount of money invested in spirit, for quite small quantities can be converted into the corresponding B.P. preparations as required.

They cost considerably less in nearly every case, when diluted, than galenicals made in the ordinary way.

They may be diluted in certain cases with Glycerin, or with Glycerin and Water, or they may be used undiluted.

ALWAYS SPECIFY "P., D. & CO."

For further particulars see pages 1 to 35 of Parke, Davis & Co.'s 1916 Price List.



The Hounslow (Middlesex)
Laboratories of
PARKE, DAVIS & CO.
50 BEAK ST LONDON, W

All Chemists should note that

EXTIRMO

(TRADE MARK Regd.)

has Three Good Points.

*Numbers 1 and 3 appeal to you, and
= Number 2 to your customers. =*

1. Saleability.

2. Merit:—

"EXTIRMO" is on the P.A.T.A. List.

"EXTIRMO" kills and mummifies RATS, MICE, BEETLES and COCKROACHES and leaves no smell.

"EXTIRMO" does not require a Poison Book signature.

"EXTIRMO" will keep in a perfect condition for an indefinite period.

"EXTIRMO" is superior as regards the get-up of the Tube or double-lidded tin.

"EXTIRMO" is used and approved by all the leading Medical Officers of Health.

"EXTIRMO" is BRITISH THROUGHOUT.

3. "EXTIRMO" shows you a profit of over 33 %.

WRITE FOR TRADE TERMS TO SALES MANAGER, DEPT. 10,
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HOW ABOUT THE RATS?

Mr. McGregor, Deer Park, Powerscourt, Enniskerry, writes:—

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Please send "Rodine" Rat Poison, &c. I cleared the rats from my premises with the last lot I got, and gave some to a friend who was troubled with rats. "Rodine" worked in the usual deadly fashion. I gave a tin to my man and two days later I asked him, "What about the Rats?"

"Sure, they're all dead; at last all of them that were old enough to ate it!"

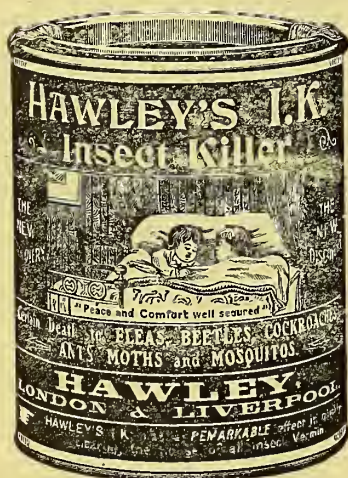
PUSH "RODINE"—IT PAYS.

Write for particulars to maker—

HARLEY, Manufacturing Chemist, PERTH

Export Agents—Tozer, Kemsley & Fisher, Ltd.
84 Fenchurch Street, London, E.C.

"Yes, It's Deadly!"



MINIMUM RETAIL

3d. size ...	2/- doz.	6d. size ...	4/- doz.
4½d. ,, ...	3/- doz.	1/- ,, ...	8/- doz.
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Evans Sons Lescher & Webb Limited
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7d.

Make your old
Hat a new one.

In bottles, 7d. each, in separate neat cartons, with suitable brush.

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.



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NO POLISH.

On the
P.A.T.A.

Write for terms,
patterns also leaf-
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"Luton" HAT DYE

WHITAKER & CO., COLOUR WORKS, KENDAL, ENG.

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"Glossy" Series supplied if desired.
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ALSO TO HER ROYAL HIGHNESS THE PRINCESS LOUISE'S HOSPITAL
THE ALLIES' HOSPITAL (Hôpital de l'Alliance), YVETOT, FRANCE
THE BRITISH RED CROSS SOCIETY'S HOSPITALS, etc.

*Unsurpassable reputation for
 genuineness. Never claims to
 do more than it can accomplish.*

*Over a quarter of a century
 of uninterrupted success as
 a specialised preparation.*

KUTNOW'S POWDER

For Liver, Kidneys & Bowels.

THE FAMOUS BRITISH REMEDY
MADE IN ENGLAND ONLY

THE POWDER—BOTTLES—CAPSULES—LABELS ALL MADE IN ENGLAND

It is on the P.A.T.A.
 It is well advertised
 It is very popular
 It is a good article
 It is never dead stock
 It yields a good profit
 It satisfies everybody



The Doctors prescribe it
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 The Public appreciate it
 The Customer comes again
 The demand is constant
 The sales are increasing
 The trade is progressive

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— FREE OF CHARGE —

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are invited to apply at once for special Physicians' Sample Bottles of Kutnow's Powder, for the use of the sick and wounded both at the front and at home. All applications will be dealt with promptly and supplies forwarded immediately, carriage paid. Applications to be made by letter, and should be marked

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Please send me Showcards and Counter Bills, carriage paid.

NAME.....

ADDRESS

"Chemist & Druggist," Apr. 1, 1916

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SEALS AND STENCILS
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Lewis Batley & Co., Chemical Works, (1)
Thongsbridge, Huddersfield**300% PROFIT.**

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4 dozen 4½d. **KIOLA NEVER-FAILING NURSERY POMADE**which realises you 18/-. Sells at sight. **KIOLA POMADE** is unique in set-up and action. Send now to exclusive makers, **NI-VERRE CHEMICAL CO.,** 5-7 Ormeau Avenue, BELFAST, IRELAND.**STARTLING!****FORMALDEHYDE 40% LACTIC ACID.**

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With inscriptions on all five desired tint; also Plain or Embossed.

"Beautifully made, and the inscriptions give them a distinction all their own."—C. & D.

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These Cachets are especially adapted for Headache, Neuralgia and other powders.

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In Ten Sizes. Also supplied to fit existing machines.

TRY A DOZ. from your Wholesaler. IT SELLS A11(For Home & Export.) **FARMER'S** (Of all Wholesalers)**"BAITED" PHOSPHOR PASTE.**

GAMEKEEPERS recommend it.

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Lightest and Whitest, also Purest Dense.

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TRIAL BOTTLES 6d. size, supplied on
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4/6 doz.; 1/- size, 10/- doz.; 3/6 size, 80/- doz.
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ZEPTO interferes with none of your Dental pre-
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your own dentifrice. In addition therefore to being
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Advertised 9d. P.A.T.A. 7½d. 4/6 dozen.

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SHOULD STOCK**

ABDINE

THE GOLD MEDAL FRUIT DRINK.
Quick Seller. Big Profits. Quarter of a Century's Reputation.
"ABDINE" is the most popular Health Drink. Superior to all Mineral
Waters. Sold in 1d. Packets, and Boxes of 13 Packets at 1/-
Order through your Wholesale Drug House.
D. M'GLASHAN, M.P.S., 12 West End Place, EDINBURGH.
Wholesale Prices on Application

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SOLDIER'S SHAVING OUTFIT.

Made in Khaki Drill. Case fitted with Razor, Shaving
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Powder, Toilet Soap and Towel. 7/6 each, boxed complete.
Subject to 33½% trade discount. Order immediately from

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Telephone: North 1636.

"THE PALS" COOKER
(Solidified Spirit Pocket Stove)



AIR ENTERS HERE

*The name "The PALS" is our registered trade mark.
The PALS Mottle or Pan rest is our registered design.*

**Solidified Spirit Pocket Stove
for the "Pals" at the Front!**

Hot water and food quickly and easily
prepared by using "THE PALS"
COOKER! Superior quality. Clean
and powerful. A new design. Compact
and handy. A welcome gift.

Far away the
BEST STOVE
Made.

"The composition of this solid spirit
is a new and exclusive preparation."

COMPLETE STOVE RETAILS at 1/- EACH.

REFILLS RETAIL AT 1/- and 2/- PER TIN.

Sole Manufacturers: MATTHIAS JACKSON & SONS,
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SOLUBLE QUININE PESSARIES.



THE WORLD-WIDE REPUTATION that these Pessaries have obtained since their invention by W. J. Rendell in 1885 has induced unscrupulous persons to place upon the market worthless and injurious compounds, with colourable imitations of W. J. Rendell's labels. To distinguish the genuine Pessaries from these fraudulent concoctions, see that the Registered Trade Mark and Number, in **RED INK**, are upon each box thus:

Registered
Trade Mark, 
without which
none are genuine.
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W. J. Rendell
No. 182,688

Registered also in Australia, India, The Cape, The Argentine, Germany, &c.

IMPORTANT NOTICE AND CAUTION.

Several injunctions in the High Court of Justice having already been obtained (reports of which have appeared in "THE CHEMIST AND DRUGGIST"), W. J. RENDELL'S SOLICITORS are instructed to take proceedings against all persons (Makers or Vendors) fraudulently using the name of W. J. RENDELL, "RENDELL," or any colourable imitation thereof in connection with Pessaries NOT manufactured by

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INVENTOR AND SOLE MAKER,
16 CHADWELL STREET, CLERKENWELL, LONDON, E.C.

AIR CUSHIONS.

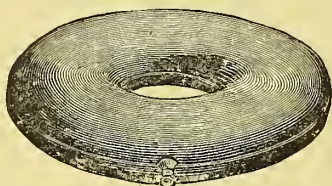


Fig. 1194.

Fig. 1194.—The “**EMPIRE**,” red India-rubber Air Cushion—

Diameter	14	15	16	17	18	19	20 in.
Each ...	6 6	7 0	8 0	8 6	10 0	11 6	12 6

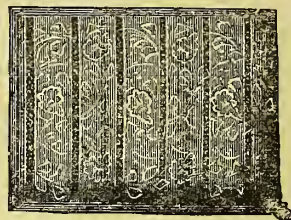


Fig. 1354.

Fig. 1354.—Air Cushion, sateen covered, reeded	...	...	Sizes	14×10	15×12	18×14 in.
			Each	4 3	4 9	6 0

Special Line.	Khaki-covered Pillow, 17×12 in., in khaki case with clasp ...	each	4 98
	" " " " " " super quality ...	"	6 00

5% discount allowed for prompt cash off above prices. Carriage paid on orders of £2 and upwards to any town in the United Kingdom.

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The Original and only Genuine

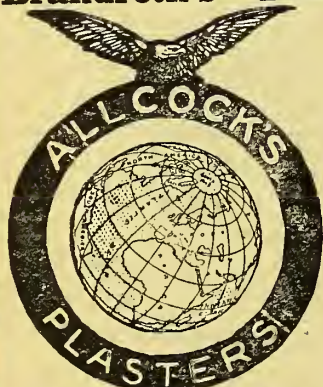
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POROUS PLASTERS

A REMEDY OF 60 YEARS' STANDING.

Allcock's Plasters
Allcock's Corn and
Bunion Plasters
Brandreth's Pills

The Three Reliables.



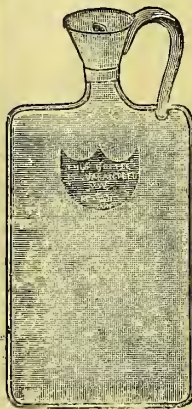
ON P.A.T.A.
LIST.

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on
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MANUFACTURING
COMPANY

**22 Hamilton Sq.,
Birkenhead.**

"Sold all round the World."



VINCENT WOOD'S

Gold Medal "EUREKA"

**Hot Water Bottles
and Covers,
Lung Protectors,
Body Belts,**

& SURGICAL APPLIANCES generally.

Order at once, there may be great shortage of materials.

91/93 NEWINGTON CAUSEWAY, S.E.

DISPENSING BOTTLES & PHIALS

©LEAR BLUE TINTED.—3 and 4 oz., 6 and 8 oz., 12 oz., 16 oz.
Plain or graduated.

BEST QUININE, TINTED.—3 and 4 oz., 6 and 8 oz., 12 oz., 16 oz.
Plain or graduated.

WHITE PHIALS.— $\frac{1}{2}$ oz., 1 oz., $1\frac{1}{2}$ oz., 2 oz. Plain or teaspoons.

BLUE LOTION BOTTLES.— $\frac{1}{2}$ oz., 1 oz., 1 $\frac{1}{2}$ oz., 2 oz., 3 oz., 5 oz., 6 oz., 8 oz., 12 oz.

PANEL BOTTLES.
We send six gross assort u or otherwise, carriage paid within
seven miles and to certain stations. Particulars on application.

seven miles, and to certain stations. Particulars on application.

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97 **MOLLINGTON BOTTLE COMPANY, 7 New Inn Yard, Tottenham Court Road, London.**

Orders sent to either establishment have attention.
Established 100 Years.

Preservation of Infant Life

You can help
in this movement
by promoting the
use of a life-saving
food, i.e. Cow's Milk
Humanised with

'KEPLER' Malt Extract

(Trade Mark)

This
handsome
Showcard
attracts
customers.

Send for it
and
display it.

Ask for 0357.
Address postcard—



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LONDON, E.C.

'KEPLER'
Malt
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FOR
HUMANISING COW'S MILK
FOR
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Feeding
THE HOME WAY—EASY, ECONOMICAL
Ask within for particulars

The New Non-Toxic Anti-Syphilitic Remedies

Introduced by MR. J. E. R. McDONAGH, F.R.C.S.

INTRAMINE

An organic amino compound of sulphur, administered by *intramuscular* injection. It is supplied in the form of a sterile cream ready for use.

FERRIVINE

An organic amino compound of iron, administered by *intravenous* injection. It is supplied in aqueous solution, which is diluted with sterile distilled water before use.

The introduction of INTRAMINE and FERRIVINE marks a new era in the treatment of Syphilis. In the early stages of the disease Ferrivine is employed first and Intramine afterwards; in the recurrent and last stages of the disease Intramine is administered before Ferrivine.

INTRAMINE is supplied in ampoules, the contents of which measure 10 c.c., and contain 1 gram of pure Intramine, constituting one adult dose. Price **7s. 6d.** per ampoule, subject to trade discount.

FERRIVINE is supplied in bottles, the contents of which measure 100 c.c., and contain 1 gram of pure Ferrivine, constituting one adult dose. Price **7s. 6d.** per bottle, subject to trade discount.

Further particulars and literature will be supplied on application.

MANUFACTURED UNDER THE SUPERVISION
OF MR. J. E. R. McDONAGH, F.R.C.S., BY

The British Drug Houses, Limited,
22-30 Graham St., City Rd., London, N.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C.

SATURDAY, APRIL 1, 1916.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., **MUST BE PREPAID** (except in the case of serial advertisements), and to ensure prompt insertion **REMITTANCES MUST ACCOMPANY INSTRUCTIONS.** Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement, this may be done **PROVIDED the MONEY is TELEGRAPHED** at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus Cannon London." (Three words counted as two.)

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← That is what advertisers in The Chemist and Druggist Supplement secure. Not indefinite returns from spasmodic and inflated circulation, but regular, steady success—the best possible in the Drug Trade. It gives

THE PUBLICITY IT PAYS TO PAY FOR.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

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- 2.—HERTS, Borders of (Main Thoroughfare).—Ready-money Business; returning under Assistant £1,400 to £1,500, at good prices; about the value of stock and fixtures required; part payment considered; good opening for an up-to-date man.
- 3.—KENT (Suburban).—Neglected Business, well situated; returns about £1,000; scope for large increase; a young man with energy would soon make a big business; no reasonable offer refused.
- 4.—MIDDLESEX (Within Easy Distance of West End).—A thoroughly sound Retail and Dispensing Business; no serious opposition; returns £1,500, at good prices; modern-fitted shop, fully stocked; terms, valuation and sum for goodwill to be agreed.
- 5.—UPPER THAMES (Good-class District).—Retail and Dispensing Business; returning under management £650 (about), with clear income of £200; double-fronted shop, with good residence attached; price £450.
- 6.—CITY (10 Minutes from).—Brisk Ready-money Business position good; returns between £900 and £1,000; *gross profit* half; price £300, or prompt offer; corner shop, double fronted, nicely fitted, and well stocked.
- 7.—LEWISHAM.—Cash Retail for Disposal, at less than the value of stock and fixtures; returns £700 under unqualified management; price £275.
- 8.—GREAT CENTRAL MAIN LINE.—Good-class Retail, with Wine and Spirit Licence; returns about £2,000; position unique; immediate sale necessary through ill-health; valuation terms.
- 9.—SURREY.—Good-class Family and Dispensing Business; present hands 21 years; returns average £1,000 yearly; attractive shop and comfortable residence, with small garden; rent £52; price about £700; worth attention.
- 10.—BRIGHTON.—Cash Retail and own Proprietaries; position is good, and returns can be much increased under qualified management; present rate £900; price £620, or offer.
- 11.—WESTERN COUNTY (Market Town).—Old-established Business for immediate Disposal through ill-health of vendor; returns between £1,300 and £1,350; *gross profit* £500; substantially fitted and well stocked; good house and garden; no reasonable offer refused.
- 12.—SUSSEX.—Good-Class Retail and Dispensing Business; village in midst of glorious country; returns £850; *net profit* above the average; comfortable residence; further details on application.
- 13.—WILTS.—Sacrifice for immediate Sale, neglected Retail with Wine and Spirit Licence; returns about £1,000; scope for plenty of increase under qualified management; good house and garden; will accept valuation of stock and fixtures.
- 14.—HOME COUNTY.—Unopposed Business; population 6,000; returns £500; net profit about £200; comfortable residence and good garden; rent moderate; price about £275, or valuation terms.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BRETT & CO.

Licensed Valuers,

73 LAUREL ROAD, LEICESTER.

Telegrams, "Brett Leicester."

Telephone 1934.

F. J. BRETT, M.P.S.,

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NO CHARGE TO BUYERS.

AGENCY.—We have always a large number of *Buyers* on our books, and we can frequently find a purchaser at once. We also have a *Private Register* for vendors who are in no hurry to sell, and who do not wish their businesses to be advertised.

STOCKTAKING SPECIALISTS to the Entire DRUG TRADE.

£750 returns.—MIDLANDS. (Death Vacancy).—Old-established Country Retail; many years in the same family; large garden and house; valuation about £350.

£1,400 returns.—NORTH MIDLANDS.—Good-class market town Business at good prices; easily worked; good house; rent £40 a lease; price £800.

£1,200 returns.—CHESHIRE.—Light Country Family Retail, with good house; low rent, lease; net profit £300; price £525.

£500 (nearly).—LANCS.—Middle-class Retail; good opening for Dentistry or Optics; vendor joining the Army; price £175; this business has done double.

£300 to £400 returns.—DERBYSHIRE.—Good working-class Retail; qualified man could largely increase; valuation about £150.

£1,100 returns.—WILTS.—General country trade, with Wines and Spirit; valuation about £400.

£1,100 returns.—MIDLANDS.—Nice Family Retail, with Optics; pleasant country market town; good house; price £725.

Valuations conducted upon the shortest notice at moderate fees.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

55 Jewry Street, Fenchurch Street, City.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—EASTERN COUNTY.—Good-class Cash Retail, with Wines and Spirits, in very best position; returns approach £4,000; plenty of scope for further extension; very heavily stocked; illness sole cause of selling; price about £2,000.

2.—CHESHIRE (Border of).—Light Retail, Dispensing, and Agricultural Business in small town; returns £1,200; net profit £500; modern-fitted shop, fully stocked; price £650, or offer.

3.—SOUTHERN COUNTY (Fashionable Town).—First-class Retail and Dispensing Business; returns £1,200; profits half; plenty of scope; fine position; price £700, or £100 and valuation; personally inspected and recommended.

4.—MIDLANDS (Death Vacancy).—Good-class Retail and Agricultural, in market town; easy hours; returns £900; net profit £500; low rent; price £425, or near offer.

5.—KENT.—Unopposed good-class Country Retail, delightfully situated; returns about £1,000; books properly kept; nice house and garden; well-stocked shop; price £500; good introduction.

6.—WILTS.—Old-established General Country Retail; unopposed; returns £1,200; net profit £300; large house and garden; low rent; heavily stocked; price £700, little more than valuation.

7.—LONDON, W.—Old-established Light Family Retail; now under Assistant; returns last year £1,400; net profit over £500; corner shop; good position; price £400.

8.—LONDON, S.E.—Middle-class Suburban trade; no Panel; returns £900, increasing; net profit £250; no opposition; well fitted and stocked; price £400.

9.—LONDON, N.W.—Sound Cash Retail, in busy main road; returns over £1,100; net profit £275; good house and large garden; well-stocked Pharmacy; price £475.

STOCKTAKING v. INCOME TAX.

Every chemist should make a point of reading page 135 in *C. & D. Diary*, which deals with the above matter, and then write for our special pamphlet and low terms.

Forty-five years' practical experience.

PARSON C. BAKER

1 MOUNTFIELD ROAD, CHURCH END, FINCHLEY, N.

Recommended by—

BRITISH DRUG HOUSES, LTD.

MEGGESON & CO., LTD.

BARCLAY & SON, LTD.

Tel. No. Finchley 612.

All correspondence should be addressed as above.

And at 174 VICTORIA ST., S.W., Ph.C. Tel. No. Victoria 77.

Valuer to Association of Manufacturing Chemists.

Being a Pharmaceutical Chemist with 50 years' experience of every class of Chemists' Businesses, Wholesale and Retail, town and country, Dispensing and Cash Retail, and for 40 years actively engaged in the valuation and transfer of Chemists' Businesses, invites correspondence. Vendors sending particulars of their Businesses do not incur any monetary liability whatever unless the business is actually sold on his introduction.

There is no charge to purchasers whatever; every valuation, whether for sale, probate, or account, is personally conducted in every detail.

Examination (previous to purchase) into the details of a Business offered for sale, and the report as to its value, is a speciality carried out confidentially and on very moderate terms.

Valuations in town or country receive prompt personal attention. Every transaction is treated confidentially. The register of purchasers as well as vendors is perfectly free to all.

No charge whatever is made except for sale actually made.

THOS. TOMLINSON & SON

CHEMISTS' VALUERS, TRANSFER AGENTS,
AND EXPERT STOCKTAKERS,

45a MARKET STREET, MANCHESTER.

ESTABLISHED OVER HALF A CENTURY.

Telegraphic Address: "Tomtom."

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every
10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which be may consider contrary to this rule.

LONDON, N.W. (Good-class Neighbourhood).—Old-established; returns over £800, exclusive of Dentistry and Mineral-water returns; good reasons for sale; price asked £650, including fixtures, mineral-water plant, etc.; open to offer; corner premises; nice home. Thoroughly recommended by Passingham & Hall, Valuers, 50 Grafton Street, Tottenham Court Road, W.

LONDON, S.W.—For immediate Disposal, spacious double-fronted Pharmacy; best-quality fittings; electric light; on main road; old-established; several valuable original Preparations; comfortable house; long lease; fully insured for £1,000 against Zeppelins and all war risks; price £350, or valuation; can be viewed any time by appointment on applying to "Tilikum" (275/38), Office of this Paper.

LONDON, West.—Light Retail and Dispensing; doing over £1,000, at good profits; a bargain; only reason for selling, lack of capital; price £650. Full particulars to bona-fide buyers only. "Number Ten" (276/290), Office of this Paper.

NORTHAMPTONSHIRE.—For immediate Disposal, owing to death of proprietor, good-class Family Dispensing and Agricultural Business in best position of country town; in same family 85 years; good house and garden; returns £750; net profits about one-third; scope for increase. Apply, 275/19, Office of this Paper.

SOUTH COAST (Hants).—Old-established Business for immediate Disposal in a busy residential town; chiefly ready money and own Proprietaries; good opening for Dentistry; average returns nearly £700; profits above the average; price £600, or fair offer; part could remain. Apply, "Genuine" (274/38), Office of this Paper.

SURREY (London Suburb).—Pharmacy for immediate Disposal; takings £800; nice house; long lease; low rent and rates; fine opportunity occasioned by the war; no reasonable offer refused; no opposition; fine scope for Dentistry, Optics, N.H.I., and Photography. Apply, stating whether registered or unregistered, to "Surrey" (275/14), Office of this Paper.

SURREY.—Unopposed brisk Light Retail; established by vendor; nearest opposition 4 miles; returns nearly £1,000, at good prices; scope for extension, including Optics or Dentistry; books kept; family reasons cause of sale; offered to cash purchaser at valuation, about £350; a genuine bargain. W. W. Thomas, Chemist, Knaphill, near Woking.

YORKSHIRE (West Riding).—A good-class Business for Sale in residential town; returns about £1,100; Dispensing, own Proprietaries, and Photographic; not much N.H.I. Dispensing and no heavy trade; satisfactory reasons for disposal. Apply, 275/18, Office of this Paper.

A BARGAIN.—For Sale, a Manufacturing Sundries and Drysalts' Business; advertiser, having two departments, being short of room, has decided to sell one, consisting of large stock of Cardboard Boxes, Wrappers, Labels; Mixing Machines and raw material for the manufacturing of Custard Powders, Egg Powders, Blancmange Powders, Sponge-cake Mixture, Cake Flour, Baking-powder, Ice-cream Powder, Health Salts, and other lines; the lot at valuation; recipes, trade-marks, and other information free; a splendid opening for business man. J. Stonehouse, Ltd., Hueknall Road, Nottingham.

CHEMIST'S Business for immediate Sale through death; going concern; established 50 years; ingoing about £500; Dental Department in addition if desired. Further particulars on application to Executors of Ralph Shorrocks, 6 Market Street, Darwen, or to Messrs. Hindle, Son & Cooper, Solicitors, Darwen.

FOR Disposal, old-established Business in good Agricultural district; returns average £550, has done over £1,000; plenty of scope for increase; Dentist attends weekly and pays half rent; good house and garden, warehouse, etc.; splendidly fitted shop and well stocked; price £450, or near offer; bargain. Apply, "Y. Z." (276/25), Office of this Paper.

HIGH-CLASS Suburban Business in provinces; returns over £2,000; net profit near £600; handsomely fitted Pharmacy; good house, with separate entrance; 7,000 Prescriptions, new and repeats, and a few N.I. extra; price, valuation and small goodwill to cover value of lease. Apply, "Retiring" (176/38), Office of this Paper.

OPPORTUNITY to acquire Business; purchase money to be spread over a term of years; high class, West End; near best Clubs and private residences; returns can be increased. Apply, by letter, to R. A. Robinson, 59 Hazlewell Road, Putney, S.W.

PROPRIETOR of an old-established Business, situated N.W. London, has been called upon for immediate service, and will sell Business to highest bidder; thickly populated; £521 last year; main road; few Patents; largely Prescribing; low rental; splendidly fitted, with every convenience; valuation £250; presents opening Dentist, Photographer, or Oculist; no opposition; no reasonable offer refused. Write in first instance, "Urgent" (276/38), Office of this Paper.

WHAT offer and valuation for Drug Stores in Lancashire, 10 miles from Manchester; Wholesale and Retail; doing about £40 a week under unqualified; easily managed; easy rent; population 15,000; established 20 years, same hands; proprietor retiring from business. Apply, "Genuine" (273/35), Office of this Paper.

PREMISES TO LET.

PROMINENT Corner shop, until recently occupied by Panel Doctor; excellent opening for Chemist or Druggist; rent £42 per annum, or would sell lease, having about 49 years to run. Apply, Marshall, Chalk & Co., 329 New Cross Road.

TO Let, smart Business Premises; suit Chemist; not one in town at present; population 5,000; centre of principal street; terms reasonable. Rowlands, Nelson, Cardiff.

FOR SALE.

BALANCE by Lbertling, London; 18-in beam; set of weights; all in glass case; what offers? Bidie, Chemist, Banbury.

CASH Register Till; almost new; perfect working order; richly French-polished; solid mahogany; special compartment for Treasury Notes; patent check action drawer; cost £4 4s., accept 45s.; a real bargain; will send on approval on receipt of cheque post-dated seven days. Alfred Baylis, Shipton-under-Wychwood, Oxford.

CHEMIST'S Shop Fittings for Sale, good condition. Apply, D. Grant, Shopfitter, St. James' Place, Edinburgh.

FOR Sale, up-to-date Stock and Fixtures; bargain for a quick buyer. Evans, Pharmacist, Rhos, Wrexham.

FOR Sale.—Chemist's Shop Fixtures; mahogany; very handsome; also stock Bottles, Scales, etc.; must be sold at once. Apply, Clarke, 167 Great Jackson Street, Hulme, Manchester.

NATIONAL Till to be disposed of at once; prints receipts and records; a bargain. Write early to Rawlinson, 26 Upper Charlton Street, Great Portland Street, W.

OFFERS wanted for 13 gross 1½-oz. N.M. Flats; 50 gross Fancy Flats, 16 drms. to the dozen; 12 gross 4-oz. Tinted Oval; and 1½ gross 10-oz. Tinted Oval Bottles. Apply, 273/26, Office of this Paper.

WHAT offers? 2 lb. each Sod. Brom., Ammon. Brom., Bism. Carb., P. Sod. Sal. p.p., 1 lb. Acid. Sal. p.p., ½ lb. Acid. Acetosol., Salol, Iodine Res., 1 oz. Metol, 2 oz. Protargol, 3j. Atrop. Sulph. 275/2, Office of this Paper.

2 LB. Hyd. Iod. Rub., 16s. lb.; 7 lb. Pot. Permang., 8s. 9d. lb.; 1 lb. Sod. Iod., 17s. lb.; 1½ lb. Bismuth Subgallate, 18s. lb.; 13 lb. Pot. Bichromate, 1s. 7d. lb.; ¼ lb. Acid. Salicylic., 20s. lb.; 250 Aspirin Tabs., 5 gr., 10s.; or will exchange for Bismuth, Carb. and cash. Stevens, 97 Borough High Street, London.

BUSINESSES WANTED.

SYNDICATE are open to Purchase several good Proprietary Businesses, Wholesale or Postal only, for cash, but must be well established and showing a profit. Particulars, in strict confidence, to "Syndicate" (255/23), Office of this Paper.

WANTED by qualified man, small Business in good position; please state rent and usual particulars. Address, 273/8, Office of this Paper.

WANTED to purchase on easy terms, small Cash Retail Business; a neglected one not objected to, if scope for increase. State returns, reason for disposal, how long in present hands, and price required, in or near London preferred, but not essential, "Alpha" (273/21), Office of this Paper.

AGENCIES.

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AGENCIES Wanted.—A firm of General Importers, Indentors, and Manufacturing Agents have opening for Agencies of all kinds; splendid situation Melbourne business centre; fine, nobly lighted showrooms and large windows; reference, Commonwealth Bank of Australia. E. Dunne & Co., Strand Buildings, 162 Elizabeth Street, Melbourne.

BUYING Agents wanted in South, West, London, and Scotland for quick selling line; good profit. 276/34, Office of this Paper.

PARTNERSHIPS.

MANUFACTURING Chemist, capturing German trade, requires more capital; sleeping Partner required, to invest £500 to £1,000 and to take share of profits; a unique opportunity. "Immediate" (270/29), Office of this Paper.

TO LET.

A MODERN Corner Shop, with good residence, for Chemist and Druggist to Let; rent £54; in the pretty suburb of Nottingham, West Bridgford, which has a population of 14,000; this offers a unique opportunity, and is well worth a visit and interview with the owner, C. F. C. Hole, Trent Lodge, West Bridgford.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

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RESULTS
OF ADVERTISING IN THIS SUPPLEMENT
LAST WEEK MAR 25 1916

NATURE OF ADVT.	REPLIES
QUAL. MANAGER	12
LADY DISPENSER	11
ASSISTT	8
LADY ASSISTT	8
DISPENSER	7

This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

RETAIL.

A LTRINCHAM.—Assistant wanted at once, for Dispensing and Counter, male or female; must be quick and accurate. State usual particulars and salary required (outdoors) to R. H. Tootill, Pharmaceutical Chemist.

B ANBURY.—Dental Operator-Mechanic; £3 and commission; easy hours. Bidie, Market Place, Banbury.

B IRMINGHAM.—Junior (good) for first-class Retail and Dispensing; ineligible for Army; short hours; no Sunday duty; excellent opportunities for lectures; all particulars, and enclose photo. Apply, 276/12, Office of this Paper.

B OGNOR.—Wanted, unqualified Assistant for Dispensing and Photography; lady not objected to; outdoors. Apply, stating experience and salary expected, to Long & Strickland.

B OOTLE.—Assistant wanted; indoors; in good-class Dispensing business; no N.H.I. work; comfortable situation with good experience; suitable for youth 18-20; ineligible for Army service. Harold Wyatt, Pharmaceutical Chemist, 223 Stanley Road, Bootle.

C ARDIFF.—Assistant wanted immediately; no Sunday duty. Apply, with full particulars, Jenkins, Chemist, 372 Cowbridge Road, Cardiff.

C LACTON-ON-SEA.—An Assistant wanted for Dispensing and Light Retail business. Apply, stating age, experience, salary (outdoors) required, and enclose photo, to W. Mann, Pharmacist, Clacton-on-Sea.

C OVENTRY.—Assistant wanted (ineligible). State age, experience, salary required (outdoors), references, to Bird, Chemist, Spon Street, Coventry.

E ASTBOURNE.—Gould & Co. require at once Junior Assistant; outdoors; accustomed to good-class Dispensing. Full particulars as to experience, age, and salary required, etc.

E XETER.—Wanted, unqualified Assistant, lady or gentleman; efficient Dispenser and Stockkeeper; three kept; age immaterial if references are right. Experience, salary required (outdoors), to Mr. Reid, 2 Queen Street, Exeter.

G LOUCESTER.—Unqualified Assistant; outdoors; good appearance and address; for Light Retail and Dispensing business; ineligible preferred. State age, height, salary, with photo, Ward & Woodman, Gloucester.

H ARROGATE.—Wanted, unqualified Assistant in a high-class Dispensing business; indoors; also a Junior. Apply, stating age, height, references, and salary required, A. B. Payton, Crown Pharmacy, Harrogate.

L EAMINGTON SPA.—Capable Dispenser, accustomed to good-class business, required immediately after Easter; ineligible (unqualified not objected to); reasonable hours. Enclose photo, and give usual particulars, stating salary, Fisher & Co., Bath Street, Leamington Spa.

L OONDON (City).—Qualified Manager, age about 45, required for high-class business; liberal interest in the profits offered to a capable and energetic man. "City" (276/111), Office of this Paper.

L OONDON, N.—Wanted, an Assistant with good all-round experience for a middle-class Retail with N.H.I. Dispensing; salary 45s. weekly. Apply, with full particulars of experience, names of references, and when disengaged, "Chemist," 300 Amhurst Road, Stoke Newington.

L OONDON, N.W.—Experienced, capable Assistant; qualification preferable, but not essential; if married, good house available above shop; excellent opening for lucrative permanency. Brickell & Jones, M.P.S., F.S.M.C., 295 High Road, Brondesbury, N.W.

L OONDON, S.E.—Junior wanted; or one requiring time for study; indoors. A. Peel, 7 Half Moon Lane, Herne Hill, S.E.

L OONDON, S.W.—Wanted, competent Assistant for Dispensing Counter; no N.H.I. or Sunday duty. Personal application preferred to Manager, Drug Department, Messrs. Francis & Son, Ltd., 448 Brixton Road, S.W.

L OONDON, S.W.—Required, Dispenser, lady or gentleman; Minor qualification; hours of work approximately 8.45 to 6.30, Saturday 1 p.m.; 1s. per hour paid for time if working after 7 p.m.; no Sunday duty. Write, stating full particulars of past experience, to "L. J." 2728, Sells' Advertising Offices, Fleet Street, E.C.

L OONDON, W.—Wanted, a Junior Assistant (ineligible), with good Dispensing experience. W. F. Pasmore, 320 Regent Street.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed o/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitability.

BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

RETURNING PHOTOS, Etc.

Advertisers in this Section who receive portraits and copies of testimonials from applicants with a stamped addressed envelope for reply are reminded that the undue retention of these often means a hardship to the sender. All personal documents should be returned as promptly as possible after perusal.

LONDON, W.—Wanted immediately, lady Dispenser, or one ineligible for military service; also lady Assistant for Retail Counter; hours 9 to 6, Saturday 1 o'clock; no Sunday duty. Apply, in first instance by letter, giving full particulars of experience and salary required, to Hospital and General Contractors Co., 19-35 Mortimer Street, W.

LONDON (West End).—Qualified Assistant; suit elderly man or one ineligible for military service; light hours; easy berth; outdoors. Apply, 274/32, Office of this Paper.

MANCHESTER.—Lady Assistant (outdoors), for Dispensing and class Retail and Dispensing; country business. Please state age, experience, and salary required (indoors), D. Lewis, Pharmacist, 96 Princess Road, Moss Side, Manchester.

SALISBURY.—Wanted, lady or gentleman, accustomed to good-class Retail and Dispensing; country business. Please state age, experience, and salary required (indoors), D. Lewis, Pharmacist, Salisbury, Wiltshire.

SOUTH OF ENGLAND.—Assistant required; experienced; permanency, with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

TAUNTON.—Unqualified Assistant wanted in good-class Retail and Dispensing business; indoors or out. Apply, with full particulars, to Gregory & Wrenn, Ltd., Chemists, Taunton.

THE Lord Derby War Hospital, Warrington.—Wanted, temporary Dispenser (female) for night duty; must be fully qualified; salary £100 per annum; no emoluments. Applications, stating age, experience, qualifications, and references, to be sent to the Administrator at once.

YORK.—Wanted at once, Assistant, ineligible for the Army, or lady with Dispensing and Counter experience; half-holiday and no Sunday duty. Apply, with full particulars, stating salary required, and photo if possible (to be returned), John Saville & Sons, Chemists, York.

A COMPETENT Assistant required for a good-class Light Retail and Dispensing business in healthy locality near London; lady, or ineligible gentleman; suitable berth for man invalided out of service; outdoors. State full particulars and salary required to "Pharmacy" (275/4), Office of this Paper.

APRIL 10 to 24.—Qualified Loem wanted for high-class Retail; give full particulars and copy of references, photo if possible. Reply to 30 Gladys Avenue, Portsmouth.

ASSISTANT wanted for Counter, etc., to commence about end of April. Please state age, experience, references, and salary required to Bishop & Vincent, 460 Holloway Road, London, N.

ASSISTANT with good experience required for high-class Pharmacy. Apply, W. Browne, 509 Finchley Road, Hampstead, N.W.

CAPABLE Assistant required, accustomed to medium-class business; must be ineligible for Army. State experience, salary required, and when disengaged, C. R. Gaultier, 88 Central Drive, Blackpool.

CHEMIST wanted; over military age; easy hours; Manchester district. State age and usual particulars to 176/25, Office of this Paper.

CHEMIST'S Assistant (unqualified, ineligible), Counterman, required, with experience of good-class trade; permanency; good prospects. State age, commencing wages, and fullest particulars of previous appointments to Manager, Junior Army and Navy Stores, Union Street, Aldershot.

DISPENSER and Bookkeeper wanted for a good-class non-Panel practice by a firm of medical men in Lancashire. Apply, stating wages required, experience, and other particulars, Drs. Crump & Watson, Bank Parade, Burnley.

JUNIOR Assistant, unqualified, ineligible, male or female, required in middle-class Cash business; preference given to applicant who has some knowledge of Dispensing. Send full particulars of experience, age, and salary required to Martyn's Stores, Ltd., 26 Queen Street, Wolverhampton.

JUNIOR Assistant as Partner required (either unqualified or qualified); splendid opening for energetic young man with capital; unlimited scope; in first letter state amount of capital at your disposal and if able to join at once. Address, Drug Chemist, 64 Bull Street, West Bromwich.

LADY Dispensers, or young ladies with experience of practical Dispensing, required for Pricing Insurance Prescriptions; previous Pricing experience desirable, but not essential; applicants must be quick and accurate in performing decimal calculations, and must furnish particulars of age, experience, and qualifications. Write, "C," Box 510, c/o 5 Queen-Victoria Street, E.C.

LADY Pharmacist, qualified, for evening duty three nights a week: salary 11s. 6d. per week. Apply, British Hospital for Nervous Diseases, 72 Camden Road, N.W.

LADY Pharmacist required; Minor qualification essential; provincial Hospital; give full particulars as to experience, age, references, salary required (outdoors). Immediate application to 176/8, Office of this Paper.

LADY Pharmacist wanted for Light Retail and Dispensing; indoors or outdoors. State salary, Nicholls, 7 Clifton Place, Brighton.

MANAGER or Senior Assistant for good-class Retail, Dispensing, and Photographic business; ineligible. Apply, Gray, Chemist, Barnes.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects.

ONE or two unqualified Assistants required at once, solely for Pricing Prescriptions under the new Tariff; no previous experience required, but must have had good Dispensing experience; good eyesight and memory and ability to calculate quickly in decimals; salary 40s. a week and bonus. Tranmer, Chemist, Smethwick, Birmingham.

PELHAM YOUNG, Pharmacist, Hounslow, requires immediately indoor Assistant, lady, or gentleman (ineligible); abstainer; Dispensing, Retail, and Photography (not essential); if unable to accept permanency, temporary help will be appreciated. Fullest particulars, personal interview preferred, previously writing, or Phoning 153 Hounslow; this is an opportunity for lady to learn the Retail.

QUALIFIED wanted for good-class Store business, South Coast; Dispensary and Front Counter; good house on premises; suit man 45 to 50; easy hours; no Sunday duty; half-day weekly; must have good appearance and address; salary 50s. weekly, free house; permanency. Applications, treated in confidence, particulars, to Simpson, 6 Wilbury Crescent, Hove.

QUALIFIED Assistant for West-End Dispensing business. Apply, by letter, J. R. Walker, 36 New Cavendish Street, W.

QUALIFIED Dispenser wanted at once for City business; short hours; outdoors; no Sunday duty; must be exempt from military service. Write, "H. H. M.," c/o Streets, 30 Cornhill, E.C.

QUALIFIED Manager required for a well-established and progressive business; must be about 42 and have had good all-round experience; good agreement offered to the right man. "L." (276/11), Office of this Paper.

QUALIFIED Senior wanted, with knowledge of Dentistry; salary £43 10s. per week and commission on Dental work. Apply, with full particulars and photo, or personal interview, to Cornelius Bayley, Uppingham, Rutland.

QUALIFIED Chemist wanted; N.E. London district. State qualification, age, etc., to "C. B." (276/20), Office of this Paper.

QUALIFIED lady Dispensers required; apply by letter, stating age, experience, and salary required; hours 8.30 a.m. to about 6.15 p.m., Saturdays 1.30 p.m. Address, "T. P. M.," Drug Department, Junior Army and Navy Stores, 15 Regent Street, S.W.

UNQUALIFIED wanted; smart married man able to take control if necessary; good-class Store business on South Coast; permanency; good appearance and address; Photographic experience preferred; state height, age, when disengaged, salary required; all applications treated in confidence. Apply, Simpson, 6 Wilbury Crescent, Hove.

UNQUALIFIED Assistant; must have been rejected by Army; comfortable permanency for capable man. State age, experience, and salary required, "U." (276/110), Office of this Paper.

WANTED, experienced Assistant; indoors preferred; good salary to competent man; enclose photo. W. T. Stephenson, 31 High Street, Sutton.

WANTED at once, qualified lady or gentleman to take charge of good Family business; N.H.I. Dispensing; easy hours; comfortable berth. Apply, stating age, experience, and salary required, Doo, Halesowen Road, Netherton, near Dudley.

WANTED, elderly qualified Chemist; easy hours could be arranged; state hours and salary required; also good Junior Assistant for Counter; state salary required. Apply, with full particulars, The Prosser Roberts Co., Pharmaceutical Chemists, 13 Church Street, Camberwell, London, S.E.

WANTED, qualified Dispenser for working-class district (N.H.I.); closed half-day Wednesday and all day Sunday. Apply, stating age, salary, and experience, to G. A. Webster, 54 Green Road, Leeds.

WANTED, one unqualified Assistant with good-class experience, not eligible for the Army; also one Drug Warehouseman for filling and despatching orders. Apply, stating particulars, to Wilson & Kitchin, Wholesale and Retail Chemists, Whitehaven.

WANTED, a lady Dispenser. Apply, stating experience, age, and qualifications, to Dr. Body, Dowlais House, Middlesbrough.

WOMAN Pharmacist required (junior of three fully qualified women); must hold Pharmaceutical Society's qualification; salary £90 with lunch and tea; Dispensary porter kept. Application, stating experience, should be sent as soon as possible to the Secretary, Queen's Hospital for Children, Hackney Road, London, N.E.

WHOLESALE.

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CHEMISTS' OWN-NAME PACKED LINES.

A THOROUGHLY up-to-date, progressive house (selling everything a Chemist sells), whose goods include many novelties in Packed Pharmaceuticals, Toilets, etc., styles the last word in artistic and striking get-up, prices right, require as Department Manager gentleman thoroughly up in selling methods, traveller-handling, etc., for such goods.

Travellers, whole, part time, or commission, may also apply, stating age, experience, ground worked, and terms; unequalled opening for live, energetic men.

Address, 274/6, Office of this Paper.

DRY Counter Hands wanted at once; good wages and permanency to suitable man. Apply, by letter, M. E. B., 174/50, Office of this Paper.

INVOICE Clerk (male or female) wanted for Office of Wholesale Druggists; must have had experience in Drug trade and Invoicing. Write, stating fullest particulars, to L. Watkins, c/o C. R. Harker, Stagg & Morgan, Ltd., Devon Wharf, Emmott Street, Mile End, E.

LADY Clerk wanted by well-known Wholesale Druggists, South London; must be accustomed to names of Pharmaceutical Preparations and Chemicals; liberal salary to experienced woman. Write full particulars, salary expected, age, etc., to 176/24, Office of this Paper.

PILL and Tablet Maker wanted. Apply, Secretary, Baiss Brothers & Stevenson, Ltd., 174/176 Grange Road, Bermondsey, S.E.

PRACTICAL man required, accustomed to making Cold Creams and Toilet Preparations; careful, accurate, and methodical worker; ineligible. 175/56, Office of this Paper.

REQUIRED, by a Wholesale firm, a competent man for Wet Cellar (ineligible for military service). State experience and wages, 274/5, Office of this Paper.

TRAVELLER calling on Chemists, Stores, etc., for very special lines in Face Creams, Shampoos, etc. (commission only). State ground covered and full particulars to 273/28, Office of this Paper.

TRAVELLER for London and district required by manufacturers of Perfumery and Toilet Articles; must have a live connection with Chemists. Apply, with full particulars, 274/12, Office of this Paper.

UP-TO-DATE Traveller required, to Represent a house Manufacturing Surgical Dressings and Chemists' Sundries, for the following counties: Westmorland, Durham, Northumberland, Lancs, and Yorks. Only those with live connections need apply to "Flannel" (175/43), Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

5s. 6d. for 50 words or less; **6d.** for every 10 words or less beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

BERNE (Switzerland).—Wanted an experienced Assistant, speaking fluently English, French, and German, for International Retail and Dispensing business; salary 300 francs a month; outdoors. Apply, with full particulars and photo, to B. Studer, Anglo-American Pharmacy.

SITUATIONS WANTED.

1s. for 12 words or less; **6d.** for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

[HOME.] RETAIL.

A S Junior, age 18, for two or three months; good experience; Wales or West of England preferred. C. P. M., Market Square, Narberth.

A SSISTANT (unqualified and ineligible), highly experienced Retail, Dispensing, and Photographic, seeks high-class berth in Bristol; disengaged. "Alchem," "White Horse," Haverfordwest.

A SSISTANT; unqualified; age 28; well up Retail, Dispensing, and Photographic; height 5 ft. 7½ in.; outdoors; permanency. "XAXA," "Elmdene," Church Walk, Thames Ditton.

A SSISTANT; ineligible; Hall certificate; Store and West End experience; master of the business from top-to-toe. State hours and salary offered, Herbert, 19 Thornhill Road, Barnsbury, N.

A SSISTANT; disengaged; ineligible; N.H.I. qualification. "Deri," 43 High Street, Southampton.

A SSISTANT or Locum; non-registered; experienced; middle-aged; Extractor; references. Hustwit, Clayton Street, Fails-worth.

BIRMINGHAM.—Unqualified; 22; attested; free until July; all-round experience. State salary, 276/13, Office of this Paper.

CHEMIST can recommend lady Assistant; four years' first-class Store experience; West End preferred. 18 St. George's Square, N.W.

CHEMIST (44), highest references, wide experience, requires Manager's berth, good position; South Coast preferred; or as Locum. 161 Castle Street, Salisbury.

CHEMIST (42), qualified, exceptional experience in Retail, Wholesale and Hospitals, desires engagement. Apply, M., c/o C. J. Hewlett & Son, Ltd., 35/42 Charlotte Street, Gt. Eastern Street, E.C.

CHEMIST desires re-engagement in modern Pharmacy, country preferred, with plenty of opportunities for energy and originality; Agricultural and Photographic; over Army age. Walker, 20 Noble Street, Wem.

ELDERLY.—Wanted, position where work and hours are easy and qualification requisite; Locum or permanent; in- or outdoors; highest references. "Medicus," 12 Town Row, West Derby, Liverpool.

EVENING employment required by lady Dispenser (Hall); Bacteriological experience; Doctor or Chemist; S.E. or S.W. district preferred. 276/2, Office of this Paper.

EVENINGS; London or Suburbs; permanency preferred; 15 years' good all-round experience; capable of taking charge; exempt; unqualified. "Rhei," 11 Lucerne Road, Thornton Heath.

EXPERIENCED Manager and Buyer; qualified; 36; married; used to control and general administrative duties; eventual succession entertained; first-class references; London only; disengaged. "T." (275/39), Office of this Paper.

EXPERIENCED Dispenser, Prescriber, Bookkeeper; tactful Salesman. Forster, 54 Romilly Road, Finsbury Park, N.

HOSPITAL work wanted by qualified Chemist; 37; married; hours 9 to 6; to fit in with N.H.I. work. Reltub, 4 Bamboo Gardens, Shepherd's Bush.

HOSPITALS and Infirmarys; as experienced Dispenser; ineligible. "G," 10 Grange Road, Plaistow.

LADY Dispenser (Hall) desires post; small salary to commence while gaining experience. 273/18, Office of this Paper.

LADY desires Dispensing, Medical Mission or with Doctor; afternoons; Croydon or near. 273/9, Office of this Paper.

LADY Dispenser, Hall qualification, seeks post within 30 miles London; Doctor or Institution; Bookkeeping; experienced. Russell, 29 St. John Street, Colchester.

LADY (student) requires post with Chemist as Assistant Dispenser, or with Doctor; some experience. Apply, 275/32, Office of this Paper.

LADY Dispenser (Hall certificate) desires post with Doctor, Chemist, or Institution, in London or suburb; good testimonials. 275/12, Office of this Paper.

LADY, qualified Dispenser and London Science Graduate (University College), desires part-time employment; X-ray experience. Blok, 41 Cator Road, Sydenham, S.E.

LOCUM or permanency, in London; qualified; 23; immediately. "George," Rosedene, Atherfold Road, Clapham.

LOCUM; qualified; ineligible; elderly. Bilton, West Heath, Congleton, Cheshire (permanent address).

LOCUM; qualified; disengaged; good references. Chemist, 24 Butter Market, Ipswich.

LOCUM; country; qualified; 50; disengaged April 17 to May 7, after May 20; first-class references; booking forward. Dewey, Helena Avenue, Margate.

LOCUM or Manager; reliable; experienced; qualified; disengaged. "B," 12 Bersham Road, Wrexham.

MANAGEMENT; permanent, temporary; every experience; 33; outdoors; disengaged. Replies three days, "Qualified" (275/22), Office of this Paper.

MANAGER or Locum; qualified; age 60; active; good references. Snoxell, 75 Woodbridge Road, Guildford.

MANAGER or Locum; qualified; 43; London or South; experienced; competent in all branches of business. State terms and full information, M. P. S., 100 Culverley Road, Oxford.

MANAGER, Locum, or Representative; over military age; proved ability; well recommended. "Statim" (275/37), Office of this Paper.

MANAGER, unqualified, desires permanent post; excellent experience; up-to-date methods; disengaged; ineligible. 275/14, Office of this Paper.

MANAGER; qualified; age exemption; first-class all-round West-End experience; would invest in sound, progressive business; London or provinces. "Calox" (275/13), Office of this Paper.

MANAGER; 48; experienced, energetic, reliable; increase neglected or branch; easy succession entertained; unregistered; shortly disengaged. Address, "Business" (275/6), Office of this Paper.

MANAGER, qualified, 36, married, good references, requires post at seaside town, South Coast. Tunncliffe, 3 Anerley Road, Upper Norwood, S.E.

OCUPPIED in West Central at public Institution from 12 to 5; qualified lady Dispenser seeks morning and evening post. 276/40, Office of this Paper.

PHARMACIST, middle-aged, married, desires sole management with view to easy succession. State particulars, "Confidential" (275/2), Office of this Paper.

PHARMACIST, ineligible, 11 years' experience, desires Managership in or near Manchester. 274/28, Office of this Paper.

PHARMACIST (29), ineligible, London and provincial experience, desires change as Branch Manager; permanency. 274/24, Office of this Paper.

QUALIFIED man seeks evening berth for a few nights weekly. "Cinnabar" (275/13), Office of this Paper.

QUALIFIED; 36; ineligible; London only; first-class experience. 274/26, Office of this Paper.

QUALIFIED wants situation; all-round experience; active, attentive, and punctual. 175/55, Office of this Paper.

QUALIFIED; 36; married; Dispensing experience (N.H.I., etc.); London or near preferred. "R." (276/1), Office of this Paper.

QUALIFIED; 33; single; rejected; disengaged. Kindly state terms, 275/40, Office of this Paper.

RELIEF Assistant; age 30; unqualified; disengaged next fortnight; good permanency entertained; excellent references. Write, "Ineligible," 11 Clivedon Road, Highams Park, Chingford.

UNQUALIFIED; excellent all-round experience; Dispensing, Counter, and Window-dressing; near London. 275/31, Office of this Paper.

UNQUALIFIED; finally rejected (no disease); 33; 16 years' varied experience; 3½ years last situation; reliable; neat worker. Rees, 18 Crane Grove, Holloway.

YOUNG lady Dispenser, aged 20, seeks post; 18 months' experience; Nursing certificates; good reference. Miss Thompson, St. Matthew's Lodge, Gerrard's Cross.

£4.—London; unqualified; ineligible; Front Counter, Dispensing. Hodie, 10 Alfean Road, Clapton.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ADVERTISER, qualified Chemist, requires additional line for high-class travelling connection; Drugs, Sundries or Patents. 275/29, Office of this Paper.

ADVERTISER, with thorough commercial experience and technical knowledge of Surgical Dressings, Instruments, and Druggists' Sundries, is open for position in which an energetic man is required; good Agency entertained; or would work up Export trade if terms reasonable; own offices if required. 273/36, Office of this Paper.

BELFAST and N. Ireland.—Registered Druggist, resident, travelling above, reliable Salesman, desires Agency, Sundries, Drugs, or Patents; commission basis. 276/30, Office of this Paper.

BIRMINGHAM and Midlands.—Representative, 14 years' sound connection leading buyers, open for an additional line; commission; share expenses; Society guarantee. 276/7, Office of this Paper.

CHEMIST, unqualified (39), Wholesale Manufacturing, 20 years' experience, offers spare time evenings for Manufacturing purposes; well up in Tincts., Oint., Infus., Tooth Pastes and Powders, Face Pds., Hair Dyes, Creams, Brills, long range of packed goods; used to control and organising, costs, etc. 273/1, Office of this Paper.

CHEMIST, qualified, now in Retail, desires post on the road, or Agency; present position six years; energetic, tall, good appearance, and conversational ability; well up in all branches of the trade, Wholesale and Retail; ineligible for Army. 273/34, Office of this Paper.

LONDON Representative of well-known City Drug and Sundries house desires change; inquiries invited; over military age. 261/25, Office of this Paper.

PERFUMER (Manufacturing), ineligible, many years' experience, wants situation; Specialties, Face-cream, Shaving-cream, Hair-dyes, etc. "B. 13" (276/32), Office of this Paper.

REPRESENTATIVE.—Appointment wanted by qualified Pharmacist to Represent Drug, Sundries, or Perfumery house, South Africa; good connection. 274/8, Office of this Paper.

TRAVELLER.—Gentlewoman (widow) desires above post for Wholesale Chemists, Perfumery, etc.; good appearance and manner; good references. M., c/o Westlake, 43 Hereford Road, Bayswater.

TRAVELLER, qualified Chemist, requires re-engagement; experienced, energetic, successful; excellent selling record, and connection with chemists, stores, institutions, and general; intimate knowledge drug, sundries, essence, disinfectant, etc., trades; first-class references; ineligible Army; disengaged. 274/30, Office of this Paper.

YOUNG Chemist (26), ineligible, 12 years' experience in Pharmaceutical, Perfumery, Galenical, and Chemicals, unqualified, capable supervisor, desires permanency. 276/27, Office of this Paper.

MISCELLANEOUS.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SECOND-HAND Drug Fittings, cheap, all sizes.—Silent Salesman, Glass Counters, Wall-cases, Window-enclosures, Screens, Iron Safes and Partitioning; Shop-fronts and Glass Facias a speciality. Farley's, Chemists' Shopfitters, 227-227a Old Street, E.C.

BEST cash price paid for all old Cameras, any make, also all old Photo goods, no matter how damaged; any kind you may have send them along; cash will be sent same day; no waiting; we buy all and return nothing. S. E. Hackett, 23 July Road, Liverpool, E.

COMPLETE SET OF SHOPFITTINGS (Second-hand).—12-ft. Drug Fitting, Glass Labels and Knobs, Lockers and Shelving; 12-ft. Mahogany Top Counter; Desk and Case; 5-ft. Wall Case; Bent Counter Case; 6-ft. Dispensing Screen and Counter; suit any shop; £42 10s. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C.

CHEMIST'S good second-hand 12-ft. Mahogany Drug Fitting, 6-ft. Mahogany Dispensing Screen and Counter, 4-ft. Mahogany Wall-case; 10-ft. Glass-fronted Counter; Nest of Counter Drawers; Perfumery Case and Desk; 4-ft. Bent Glass Counter Case; the lot £45; bargain; cheapest house for Window Enclosures, Mirrors, Glass Shelves, modern Shop Fronts, Improvements, etc.; plans prepared; estimates free. Mills, Shopfront, Shopfitting, and Glass Facia Works, 163-165 Old Street, London, E.C. Phone London Wall 550.

CARTONS, plain, good quality, 3½ by 1½ by 1½ and 4½ by 2½ by 1½; approx. 40,000 of each size; perfectly new; specimens on application; what offers? Pearson & Co., Ltd., London Road, Mitcham.

WAR WANTS EXCHANGE.

The object of this section is to facilitate the interchange of pharmaceutical products which are scarce at present owing to the War, and which the inquirers have failed to obtain through the customary business channels.

TERMS

Minimum charge (including registration fee) of 1/- for six words or less; 2d. per word beyond, prepaid. Inquiries are inserted with a registration number attached to each item, and replies will be communicated direct to the inquirers by the Information Department of "THE CHEMIST AND DRUGGIST."

WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise stating quantity and price to

THE WAR WANTS EXCHANGE.

"The Chemist and Druggist," 42 Cannon Street, London, E.C.

Acid. salicyl. (176/26)	Metal (Haufl.) (176/26)
Iodine cryst. (176/26)	Pot. permang. (176/26)

FOR DISPOSAL.

Benevolent buyers of the following articles are requested to communicate their exact requirements promptly to us, and we shall place them in touch with sellers:—

Acid. salicylic, 2 lb. (274/3)	Guaiacol carb., 5-gr. 700
Acid. salicylic. (Schering), 10 original 1-lb. packages (276/36)	(new) capsules (274/16)
Ammon. cit., 7 or 14 lb. (176/27)	Hydroquinone (Schering), 2 1-lb. (176/27)
Aspirin (Bayer's), 1 oz. (274/3)	Metal (Haufl.), 4 oz.; also few 1-oz. bottles (176/27)
Atropine, 20 gr. (274/3)	Phenacetin, 1 oz. (274/3)
Bulgarian otto rose, 2 1-oz. original bottles, genuine (273/340)	Phenacetin comp. (5-gr. tablets), 1,000 (274/16)
Diamidophenol, 8 oz. (176/27)	Quin. sulph. (Howards'), 35-oz. tin (176/27)
Ferri quin. cit. (Howards'), 3 25-oz. tins (176/27)	Salol, 2 oz. (274/3)
	Sol. salicylat. (B. W. & Co.'s), 7 1-lb. (176/27)
	Sulphonol, ½ oz. (274/3)

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

FOR DISPOSAL.

BOOKS AND PERIODICALS.

OFFERS wanted for 12 vols. "C. & D." bound in half-calf, unused, for years 1903 to 1908. Douglas, Ripon.

DRUGS AND CHEMICALS.

5 lb. sodii sal P.B. (May & Baker's), 20s. Elliott, Chemist, Walsall.

5 2s. 9d. sirolin; 3 1s. 9d., 6 1s., 12 6d. Miriam's food; 2 2s. 3d. D.D.D. lotion; 12 1s. ozonia; all clean. Waite, Chemist, Leeds.

WHAT offers? 2 oz. each phenacetin, salol, sulphonol; 200 tabell. antipyrin; will exchange for acid. salicylic. or tabell. aceto-salicylic. Gittins, Chemist, Buckingham.

WHAT offers? 37 lb. brown glycerin, 12 oz. sodii salicylas, B.P., 8 oz. ammon. bromid., B.P., 5½ lb. tinct. hyoscyam. (B.P. 1885), 6 oz. hydrarg. ammoniatum. Lees, Drug-Stores, Staly-bridge.

OPTICAL AND PHOTOGRAPHIC.

72 microscopic slides, 2s. dozen, 10s. lot; approval; exchange. Lintin, 86 Freedom Road, Sheffield.

MISCELLANEOUS.

300 honeycomb sponges, retail 6d. to 8d.; ¼ doz. sample sponges, 1s. L. Rosenberg, 18 Camp Road, Leeds.

12 doz. Japanese hand-warmers; what offers? cash, or exchange folding cameras. Vincent, 460 Holloway Road, London.

ROTARY tablet-compressing machine, as new, complete with three sets punches and dies. Particulars apply, J. Holland, 128 Waterway Street, Nottingham.

WANTED.

REFINED naphthalene, with various forms. "E. V. Z." (273/23), Office of this Paper.

PHARMACEUTICAL Journal Formulary wanted; last edition. Dale, 68 Holland Park, W.

PERSONAL Weighing Machine. Send illustration and price, to Brooke, Beaconsfield, Bucks.

TINS, vaseline, ointments, salves, plain or labelled; any quantity wanted for cash. Levers, 56 Chapel Street, Manchester.

WANTED, machine for cutting and pulping fresh plants; also small collapsible-tube filler. Gould, 59 Moorgate Street, E.C.

GLYCERINE, pure or industrial, non-restricted; price and quantity to Rouse Bros., 61 Charlotte Street, London, W.

FRENCH scales for store-room checking; cash, or exchange ¼-lb. comp. lic. tins, 48's T.W. pill-boxes; samples 3d. "Sykemist," Plumstead, S.E.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

WANTED, "Chemist and Druggist Diaries," all except 1900, 1914, 1915, 1916. State price, etc., to G. E. Stechert & Co., 2 Star Yard, Carey Street, Chancery Lane, W.C.

WANTED, up-to-date Minor books, including Newth's "Inorganic" and Perkin's "Organic," Hampshire's "Volumetric," and Mollwo Perkin's "Qualitative." "Chemist," 111 Gt. Norbury Street, Hyde.

ADDRESSES WANTED.

WILL any pharmacist kindly oblige with the present address of Mr. W. H. Persse? Evans, Chemist, Margate.



A Weekly Journal of Pharmacy and of the Chemical and Drug Trades
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official Journal of eighteen Chemists' Societies in Australia, Ireland, New Zealand, South Africa, and the West Indies.

Subscription Rates.

Twelve Shillings and Sixpence a year in advance, post free to any part of the world, including a copy of *The Chemist and Druggist Diary* next published. Subscriptions may begin any month. Single Copy, 6d.; Summer or Winter Number, 1s.; *Diary* 3s. 6d. Postal orders and cheques to be crossed "Martin's Bank (Limited)."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 12s. 6d., franco.

Цѣна годового абонемента: Газета еженедѣльно и Дневникъ разъ въ годъ 12 шиллинговъ 6 пенсовъ съ пересылкой.

Precio de suscricion annual: el periodico una vez por semana, y el agenda una vez por anno 12s. 6d., franco.

Terms for advertising in THE CHEMIST AND DRUGGIST can be obtained on application to the Publisher at the

Head Office: 42 CANNON STREET, LONDON, E.C.

Telegrams: "Chemicus, Cannon, London." Telephone 3617 Central (three lines).

Branches: ADELAIDE, MELBOURNE, AND SYDNEY, AUST.

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New Books.

Austen-Leigh, E. C. *List of English Clubs in all Parts of the World for 1916*. 4 $\frac{3}{4}$ x 6 $\frac{1}{2}$. Pp. 188. 5s. 4d., post free. (Spottiswoode & Co., Ltd., 75 Shoe Lane, London, E.C.) [This is the twenty-fourth year of issue of this book, which includes among the clubs over 1,500 golf clubs. In those cases in which we have tested the book we have found it correct and to be compiled upon recent information.]

Bloomfield, F. I. *Income Tax; War Rates, 1915-16; How Each Taxpayer is Affected, with Explanation, Instruction, and Information*. 8 $\frac{3}{4}$ x 5 $\frac{1}{2}$. Pp. 50. 7th edit. (Bloomfield, Old Palace Chambers, Coventry.) [The greater part of the book was written in September 1915, but the work is brought up to date by means of an addendum which admirably summarises the alterations and new features of the Finance (No. 2) Act.]

Gooch, F. A. *Representative Procedures in Quantitative Chemical-analysis*. 9 $\frac{1}{4}$ x 5 $\frac{1}{2}$. Pp. 262. 8s. 6d. net. (Chapman & Hall, Ltd., 11 Henrietta Street, Covent Garden, London, W.C.) [Professor Gooch is the Director of the Kent Chemical Laboratory at the Yale University. The book is the outgrowth of long experience in teaching quantitative chemical-analysis, and, in addition to the detailed descriptions of the processes, the reactions and principles involved in the various methods are discussed. Both gravimetric and volumetric analyses are dealt with, and the author calls attention to the fact that more space than usual is devoted to iodometric processes on account of their beauty and accuracy, and because the treatment in text-books is usually scanty.]

European War News.

Pharmaceutical Roll of Honour.

The following persons connected with pharmacy in Australia are serving with the Forces of the Commonwealth:

ALEXANDER, R. A. (late with Taylor & Colledge), Brisbane. Lieutenant R.A.

CHESHIRE, F., JUN. (son of Mr. F. Cheshire, chemist), Melbourne, A.A.M.C., has been invalided home.

DUNBAR, M. D. (apprentice at Birks', chemists), Adelaide, A.A.M.C.

PORTER, JACK (son of Mr. Porter, President of the Pharmaceutical Society of South Australia), A.A.M.C.

SHEWAN, H., Ipswich, Queensland, A.A.M.C.

WARD, J. W. (Registrar Queensland Pharmacy Board), Lieutenant A.A.M.C. Dental Corps.

Prohibited Exports.

DENMARK.—Chocolate and cocoa in all forms, iron vitriol (iron sulphate), and pepper have been placed on the list of prohibited exports.

INDIA.—The Governor-General in Council has prohibited the export of pepper and capsicum from British India to all countries other than the United Kingdom, British Possessions, and British Protectorates.

NETHERLANDS.—A Royal Decree of March 16 prohibits the exportation of pepper. Another Royal Decree prohibits the exportation of mustard-seed, linseed, rapeseed, and other oleaginous seeds (except poppy-seed and caraway-seed), rice-meal, linseed-cake and linseed-meal, rapeseed-cake and rapeseed-meal, earthenut-cake and earthenut-meal, cottonseed-cake and cottonseed-meal, and cakes and meals of other oleaginous seeds, nuts, and kernels.

SWITZERLAND.—The Board of Trade is in receipt of copy of a Decree of the Swiss Federal Council, dated March 6, which prohibits the exportation of the following articles as from March 8: Alkaloids and glucosides of all kinds and their salts and combinations, in so far as exportation is not already prohibited; carbide of calcium; formaldehyde preparations and derivatives, in so far as exportation is not already prohibited; glass and glass wares of all kinds, with a few exceptions; glycerin, crude, and glycerin lye; ferro-silicon, in the rough; manganese, chrome, molybdenum, titanium, uranium, vanadium, and wolfram (tungsten ore), in the metallic state, even combined one with another or with other metals, unmanufactured or in powder, bars, wire, and sheets, in so far as exportation is not already prohibited; metallic arsenic, cadmium, cobalt; metals and metallic compositions not specially provided for in the tariff.

Miscellaneous.

SALE OF INTOXICANTS.—The Central Control Board (Liquor Traffic) has issued an order, to come into force on April 17, which prohibits canvassing for orders or receiving payment for intoxicating liquor except on licensed premises.

EXPORTS TO SWITZERLAND.—The Director of the War Trade Department announces that arrangements have been made with the Société Suisse de Surveillance Economique to enable small parcels of certain goods to be exported from the United Kingdom to Switzerland without the production of a certificate from the Society.

ENEMY BUSINESSES.—The following additional enemy businesses have been wound up by order of the Board of Trade under the powers conferred by the Trading with the Enemy Amendment Act, 1916: Fiume Starch Co., Ltd., 13 Crutched Friars, London, E.C.; United Berlin and Frankfort India Rubber Co., Ltd., 11A Upper Thames Street, London, E.C.; Knoll & Co., Ltd., 8 Harp Lane, Great Tower Street, London, E.C., chemical-manufacturers.

ENEMY TRADING.—The Controller of the Foreign Trade Department has issued an additional list of persons and firms in foreign countries with whom persons in the United Kingdom are forbidden to trade, the figures in parentheses being the number of firms black-listed. These countries comprise Argentina and Uruguay (39), Brazil (56), Ecuador (28), Peru (17), Netherlands, Netherlands East Indies (41), Philippine Islands (15), Portugal (36), and Spain (44).

APPROVED CONSIGNEES IN CHINA.—Dr. Aug Hoon Cho, Swatow; Dr. H. Balean, Chinkiang; Cheng Seng Dispensary, Swatow; Chin Tong Dispensary, Swatow; Choa Chow Fu Di Dispensary, Swatow; International Import and Export Co., Shanghai; Jak Leng Dispensary, Swatow; Jak Seng Dispensary Co., Swatow; Jak Sui Dispensary, Swatow; Kuang Sui Chiang Dispensary, Swatow; Lee Sen Ann Dispensary, Swatow; Sui Leng Dispensary, Swatow; Tai Wah Dispensary, Swatow; Tehun Tet Dispensary, Swatow; Tek Hua Dispensary, Swatow, are among the names appearing in the "London Gazette" to whom goods may be exported.

Military Tribunals' Decisions.

THE following are some of the cases of trade interest that have been reported to us since our last issue:

BATH.—On March 21, two months' exemption was granted to Mr. F. G. Summerton, manager to Wilson & Dickinson, 11 George Street. All the other assistants have already been taken.—Mr. G. T. Kingston, chemist and druggist, applied for a certificate exemption of an unqualified assistant dispensing Insurance prescriptions. The Military Representative said Mr. Kingston is well off for assistants, and the application was refused.

BEVERLEY.—A chemist's assistant who had been passed by the Army doctor as fit for home service was granted three months' exemption from military service.

BISHOP STORTFORD.—Mr. E. F. Cooper, chemist and druggist, was granted exemption until April 1917 for an apprenticeship, conditional on the continuance of his training.

BLACKPOOL.—On March 23, a solicitor made an appeal for exemption for a qualified dispenser and for a qualified chemist who was employed as manager in a chemist's business. It was stated that the employer had been unable to get other assistants. The manager was granted conditional exemption, but the application in regard to the dispenser was refused.

BRIGHTON.—An application for exemption for an unqualified assistant engaged in Insurance dispensing was postponed until he reaches the age of nineteen. A member of the Tribunal contended that only qualified chemists dispensing under the Insurance Act are exempted, but the Clerk pointed out that the paragraph reads, "Persons engaged in dispensing," etc.

BRISTOL.—A chemist's dispenser was granted conditional exemption on the ground that he is indispensable to his employer, who holds Government dispensing contracts.

BROMYARD.—Mr. W. R. Parks, chemist and druggist, manager for a local firm of chemists, was exempted until May 24. He had been previously granted a month's exemption (*C. & D.*, March 4, p. 34).

CALNE.—A certificate of exemption was granted to the manager of a chemist's business, who claimed to be the only qualified chemist within a radius of six miles. He is dispensing Insurance prescriptions and for two military hospitals.

CANTERBURY.—Mr. J. G. Sharp, chemist and druggist, employed by Walker & Harris, was granted conditional exemption. The Insurance Committee asked that the cases of chemists' assistants should be deferred, but applicant said he wished his case decided. It was stated that Walker & Harris have three qualified men for their two shops.

CHERTSEY.—Three months' exemption was granted to Mr. P. F. Johnson, assistant with Mr. S. B. Moss, chemist and druggist, West Byfleet, who is engaged in Insurance dispensing and dispenses for the military hospital.

CHICHESTER.—A chemist's assistant applied on March 20 for exemption on the ground that he is employed in a certified occupation, and is the main support of his widowed mother. He was rejected last June on medical grounds when he tried to join the Territorial Forces. One month's exemption was granted, which is to be extended to three months "if he is not accepted as a dispenser by the Army."

CINDERFORD.—A chemist was granted two months' exemption for his son, who is engaged in Insurance dispensing in a mining district containing 12,000 insured persons.

CLECKHEATON.—Exemption was refused to the assistant of a chemist engaged in Insurance dispensing. The employer has been released from his duties as a special constable.

COWES.—Mr. Henry James Sadler, chemist and druggist, was granted exemption for six months, on the ground that he has a contract for the supply of medicines under the National Insurance Act and that he is unfit for active service. He said he had a long lease of his business-premises, heavy insurance premiums, and other financial obligations to meet, and there is no possible present chance of getting anyone to manage his business while he was away.

DONCASTER.—A young commercial traveller employed by a Sheffield firm of wholesale druggists was granted exemption till May 31 on account of domestic bereavement.

DUDLEY.—On March 21, a wholesale chemist applied for exemption for his son, who is a co-director and the company's analytical chemist. Exemption was granted until July 31.

DUNDEE.—Two appeal cases heard on March 26, which concerned chemists' assistants, were dismissed. The Military Representative told one of the applicants that there is no reason why he should not give up a dispensing-contract

with a local institution.—A chemist who desired exemption in place of the extension of time allowed him urged that special consideration should be paid to chemists who are dispensers under the National Health Insurance. The Military Representative said there are seven other chemists' shops within a few hundred yards of that in which the appellant is employed. The appeal was dismissed.

EXETER.—On March 27, a pharmacist employed by Boots, Ltd., was refused a certificate of exemption, although he urged that he is an Insurance dispenser, manager of the branch, and mainly occupied in counter-work and dealing with poisonous drugs.

FARNBOROUGH.—Mr. A. C. Davies, chemist and druggist, manager of the branch of Timothy White Co., Ltd., and the only qualified chemist employed, was granted exemption on the ground that he is an Insurance dispenser, and is the sole support of a widowed mother and a sister.

GLASGOW.—A firm of chemists was refused exemption for an assistant, it being stated that the Joint Committee on the recruiting of chemists refused to support applications for assistants as being indispensable dispensers for insured persons.

GLOUCESTER.—A chemist's assistant claimed exemption on the ground of conscientious objection to war in any form. He is a Plymouth Brother, and would not supply a soldier with medicine if the purpose were to permit the man to return to active service. Exemption was refused.

GRANGE-OVER-SANDS.—Mr. H. K. Duckworth, chemist and druggist, was on March 25 granted exemption so long as he continues his occupation of dispenser under the National Insurance Act.—Mr. G. H. Hankinson, chemist and druggist, was granted exemption on the same ground.—An application for a further exemption for Mr. S. J. Morrison to enable him to sit for an examination was refused.

HECKMONDWICK.—A chemist employed by a co-operative society was on March 22 granted exemption on the ground of infirmity. He is also employed in dispensing Insurance prescriptions.

HEREFORD.—Mr. Stanley A. Shaeleton, chemist and druggist, who is on the Insurance panel, was granted exemption until August 1. He said that if he closed the business the stock would deteriorate before his return.

HULL.—On March 23, an Insurance dispenser at Milburns, Ltd., chemists, applied for exemption. Mr. Levenstein, Clerk of the Insurance Committee, attended and asked for postponement of the hearing, pending the investigations of the Joint Committee which is considering the question of chemists' recruiting. The case was adjourned.—Conditional exemption was granted in another case where an only assistant is mainly engaged in fitting ships' medicine-chests.—The dispenser at Sculcoates Union was granted conditional exemption, as his absence would bring the dispensary, where three other assistants are employed, to a standstill.

KIRKBY-IN-ASHFIELD.—A chemist's dispenser was granted conditional exemption. It was stated that he is "the only chemist in the whole ward."—Harold Webster, a chemist's assistant, suffering from fractured skull and injuries to his shoulder, was granted three months' exemption.

LAMBETH.—In the case of Mr. C. R. Bollen, chemist and druggist, managing chemist with Boots, Ltd., it was stated that he is employed at various branches on days when the permanent managers are absent. The case was referred to the Nottingham Tribunal, where Boots, Ltd., have made an application on behalf of the whole of their staff.

LEICESTER.—On March 28, application was made for exemption from military service of a wholesale drug-manufacturer, and the proprietor of a fever-powder. It was stated that applicant succeeded to the business on the death of his uncle, and he is the only one who knows the prescription of the powder. The Chairman: What would the business do if you were ill? Applicant: They would have to take supplies from stock, of which about two months' supply is always on hand. The Town Clerk said that application is made partly on the ground that he is in a certified occupation, but although he is a wholesale druggist, he is not making up any drugs except his own patent medicines. Applicant was allowed a month's exemption.

LEIGH (LANCS).—A chemist's son engaged in Insurance dispensing was granted exemption until he is twenty-one, which will be in eighteen months' time.

LETCHWORTH.—An assistant with Mr. W. Warren, Ph.C., who had been rejected as medically unfit in December 1915, was granted six months' exemption.

LEWES.—Conditional exemption was granted to a chemist's assistant. His employer said that otherwise he would be obliged to give up Insurance dispensing. Female dispensers, he added, are not a success.

LINCOLN.—An adjournment was granted in the case of a chemist's application for exemption on the ground that the Insurance authorities have the matter in hand.

NOTTINGHAM.—Among a number of conscientious objectors on March 27 was a chemist's assistant who claimed to belong to a Church, "a small body in Christ," which consisted of four men of military age. Exemption was refused.

ROCHDALE.—Application was made on behalf of an assistant with Mr. Edward Thomas, chemist and druggist, who dispenses at the infirmary and under the National Insurance Act. Exemption until June 30 was granted.

SALFORD.—A panel chemist who was granted exemption until May 31 was told that it was hoped that the country would be in a much better position when applicant again came before the Tribunal.

SHEFFIELD.—Mr. M. T. Miner, Ph.C., London Road, Highfields, appealed for exemption for his assistant, Mr. R. A. O'Regan, who was granted three months' exemption. A chemist's assistant asked for a recommendation that he be drafted into the R.A.M.C. as he is reading for his Final examination. The Chairman asked why he had not attested, and applicant said his employer had advised him to "keep back a bit." Mr. Neal, who represented the applicant, said the fact is that these men in reserved occupations had not known whether to attest or not. The Tribunal agreed to grant the recommendation. Other chemists who have been recommended for exemption and have received notice to appear should communicate at once with the Secretary of the Pharmaceutical Committee.

SLEAFORD.—Mr. W. Spyvee, sen., chemist and druggist, applied for exemption for his son, who is also a chemist and druggist. The Military Representative objected to the application, and said that Mr. Spyvee, jun., would be "exceedingly valuable to the R.A.M.C." Applicant said he wished to have the case adjourned until the Joint Committee on the Recruiting of Chemists has considered the matter with the Military Representative. Mr. Spyvee said that if his son were taken for military service he should be obliged to give up his Insurance contract. The application was adjourned, the Chairman remarking that it was the first he had heard of the Joint Recruiting Committee.

SOUTHWARK.—Mr. Joseph Braddock Reynolds, Insurance dispenser with Boots, Ltd., Walworth Road, was granted exemption. Mr. Reginald George Pedrick, manager at Boots, Ltd., 1 Borough High Street, S.E., was also granted exemption on the ground that he is in a reserved occupation. Mr. John Butterworth, Ph.C., Walworth Road, S.E., applied for the exemption of his son, Mr. W. C. Butterworth, manufacturer of chemists' sundries and assistant dispenser. Mr. Butterworth, sen., is over seventy years of age, and his son dispenses from eighty to ninety prescriptions a day. A certificate of exemption was granted.

STIRLING.—On March 27, an application was made by a firm of chemists for the exemption of an assistant employed in dispensing under the National Insurance Act. As the Joint Committee on the recruiting of chemists refused to support any application for exemption in respect of chemists' assistants the application was refused.

TWICKESBURY.—Temporary exemption was granted to a chemist's apprentice whose indentures do not expire until 1917. Applicant said he was willing to go as a dispenser in the R.A.M.C.

TORQUAY.—A chemist's apprentice named Brinham, who is studying for an examination, was exempted until July 12.

TOTTINGTON (LANCS).—A chemist employed by his father applied for exemption on the grounds that he is in a certified occupation and has an objection to combatant service. The application was refused.

VENTNOR.—A chemist's assistant, named Harold J. E. Martin, was exempted from combatant service. He applied on the grounds that he is an Insurance dispenser and has a conscientious objection to military service, and was required to argue at length the question of conscientious objection.

WALTON-ON-THAMES.—Mr. F. Cherry, Ph.C., applied for exemption for his assistant, G. F. Marshall. Two months' exemption was granted.

WESTBURY (WILTS).—Exemption was refused in an application by Mr. E. A. Chard, chemist and druggist, for his apprentice, whose indentures expire in April and who is going in for his examination in June.

WESTON-SUPER-MARE.—W. E. Plummer, an assistant with Lewis Wing, Ltd., applied for exemption on the ground that he is engaged in a certified occupation and is physically unfit for the Army. Exemption was refused. An apprentice (J. G. I. Davies) with the same company, who claimed to be suffering from heart-trouble, was refused exemption until he obtains a certificate of rejection from the Army doctor. W. J. Robinson, assistant to Mr. S. G. Tydeman, chemist and druggist, was granted conditional exemption.

THYMO-BENZENE, used in the treatment of bilharziosis, consists of thymol 2 gr. dissolved in benzene $\frac{1}{2}$ dr. This is one dose.—*Lancet* (I., 1916, p. 698).

English and Welsh News.

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Drug Contracts.

The following tenders have been accepted by Boards of Guardians:

Aberystwyth.—Mr. E. P. Wynne, disinfectants.
Barnstaple.—Mr. E. W. Proudman, chemist and druggist, cod-liver oil, 20s. gallon; quinine, 6s. oz.
Belper.—Calvert & Sons, drugs.
Bethnal Green.—J. F. Macfarlan & Co.; Burgoyne, Burbidges & Co.; A. Berton, Ltd.; and Millermond & Sons, surgical dressings; and Baiss Bros. & Stevenson, Ltd., and Burgoyne, Burbidges & Co., appliances.
Cambridge.—Mr. J. Evans, chemist and druggist, drugs.
Clitheroe.—Mr. J. Harrison, drugs and dressings.
Colchester.—Mr. J. F. Marlair, chemist and druggist, for six months.
Derby.—Davies, Sons & Co., drugs and medicines.
Eastry.—Mr. A. E. Woodruff, chemists' sundries.
Faversham.—Mr. T. J. Thomas, chemist and druggist, for six months.
Malling.—Mr. Oliver, chemist and druggist, medical goods.
Melksham.—Mr. E. J. Hughes, chemists' sundries.
Runcorn.—Mr. J. H. Weston, chemist and druggist, for drugs and surgical dressings.
West Bromwich.—Burgoyne, Burbidges & Co., drugs, etc.
Weymouth.—Mr. M. T. Evans, hospital dressings.
Winchester.—Mr. S. J. Bartlett, chemist and druggist, drugs, etc.
Wolverhampton.—Corbyn, Stacey & Co., Ltd., drugs; Cuxson, Gerrard & Co., Ltd., dressings.

Strychnine for Butyl Chloral.

An inquest was held by Mr. Peter Byrne, Deputy-Coroner for West London, at the Kensington Town Hall on March 25, on the bodies of Maud Coveney (28), widow of a railway clerk, and Beatrice Stockwell (34), wife of a private in the 4th Hussars, both of Golborne Gardens, North Kensington, who died half an hour after taking some medicine for neuralgia, which they obtained from Mr. Isaac Bowen, chemist and druggist, 37 Golborne Road, London, W. Mr. Bowen, who was called as a witness, said he had carried on business at Golborne Road for fifteen years, previous to which he had been a dispenser at the Army and Navy Stores. He is a life-long abstainer. The bottle of medicine which was supplied to Mrs. Coveney at 9.15 A.M. on March 21 was intended to have been made up from the following recipe, which he obtained from Martindale's "Extra Pharmacopœia":

Acetylsalicylic acid	...	...	3ss.
Butyl chloral hydrate	...	...	3ss.
Tincture of gelsemium	...	...	5j.
Compound powder of tragacanth	...	...	q.s.
Water to	...	...	3vj.

5j. pro dosis.

Mr. Bowen described the process of compounding the medicine, and said he kept butyl chloral hydrate in the poison-cupboard. He gave Mrs. Coveney a dose of the mixture in the shop. He did not know at the time he made up the mixture that a bottle containing strychnine was near it in the cupboard. He kept strychnine for use in making liquor strychninæ. When dangerous drugs came in from the wholesalers his wife sometimes checked them off and put them in the poison-cupboard out of the way of the children. The bottle was a plain one and bore the label of the wholesale house. It was about twenty or thirty minutes after Mrs. Coveney left with her medicine that a Mrs. Carpenter came into the shop and told him of the two women being ill. He had looked at the bottle and given it back, but her manner alarmed him, and after the woman had gone he sent the servant for Dr. W. A. Clements. The maid found that Dr. Clements was out, and very shortly after the doctor came in and told him that both women were dead. Witness said he then went to the poison-cupboard and saw that the order in which he ordinarily kept the bottles had been altered, and he had taken the bottle containing strychnine in mistake for the bottle containing butyl chloral. Explaining the circumstances that had made such a thing possible, witness added that he had been up for four nights with his wife, who was confined on the previous Saturday, and in the circumstances his check on the prescription was not so accurate as usual. If the strychnine had been in a different bottle he could not have made the mistake. He had dispensed 50,000 prescriptions, and had never made a mistake so far

as he is aware. The regulations as to the keeping and selling of poisons require that a poison-bottle should be distinguishable by touch, but these regulations do not apply to wholesale druggists. A gentleman in court, who said he was a partner in the wholesale house which supplied the strychnine, offered to give evidence, but the Coroner said it was not necessary. Dr. B. H. Spilsbury said the autopsy showed that death was due to strychnine-poisoning. The chemist's intended mixture was harmless. The fatal dose of strychnine for an adult is from 1 to 2 grains. The Coroner reviewed the evidence at considerable length, and pointed out the heavy responsibilities resting upon people who deal with poisons. The point for the jury to decide was whether there had been negligence on the part of the chemist, and if it had been gross or culpable negligence, or whether he had made an honest mistake, such as occurs in everyday life; if they decided upon the latter, their verdict would amount to one of misadventure. The jury returned a verdict of death by misadventure.

Liverpool.

A movement is afoot to bring about an agreement to avoid cutting prices in proprietary articles whether sold by pharmacists or in the drapery and other emporiums.

Coloured ladies visiting Liverpool from the United States are steady buyers of face-creams and beautifiers, no race being more assiduous in attention to the complexion when means allow. A display of such goods near to an hotel or a boarding-house favoured by coloured ladies ensures many sales.

General regret is being expressed that Mr. John Charles Jackson, the sole remaining partner in Henry Jackson & Sons, wholesale chemists and dealers in druggists' sundries, has found it necessary, on medical advice, to relinquish business. The firm has been established about half a century, the founder, who took over a business bearing the same name, being Mr. Henry Jackson, chemist and druggist, who died in January 1915, aged eighty-six. He had been succeeded by his two sons, Henry Singleton Jackson (who retired a few years ago) and John Charles Jackson. The late Mr. Henry Jackson formerly carried on business in what is now Netherfield Road, but was in his day St. George's Hill. The premises in School Lane and Brook's Alley have been several times enlarged, and latterly in great part rebuilt. Mr. J. C. Jackson is realising his stock, and he has provisionally secured situations in neighbouring wholesale houses for all the members of his staff, some of whom have seen long service with the firm.

Sheffield.

Mr. J. H. Harrison, L.S.A., chemist and druggist, is acting as a military recruiting medical officer at the Corn Exchange.

Mr. A. Knowles, Woodseats, has a very attractive window-display of phosferine, and also shows the fully uniformed figure of Lord Kitchener sent out by the proprietors of Owbridge's Lung Tonic.

A charge against a local herbalist, named Ward, of selling sweet spirit of nitre deficient in ethyl nitrite was last week withdrawn on defendant promising to destroy what spirit he had left in stock and to pay 15s., costs of the prosecution.

Miscellaneous.

THEFT CHARGE.—The case of theft by an apprentice which was reported last week (p. 37) was at Hastings, not Brighton as mentioned.

FUEL ECONOMY.—The Board of Trade issues an appeal to the public to exercise the greatest economy in the use of fuel at the present time, so as to provide more coal for war industries and for the maintenance of export trade.

WAR-GIFTS.—At a three days' war-auction, held in Jersey on behalf of the St. John Ambulance Association, the first lot put up by the Lieutenant-Governor was a two-quat bottle of Luce's Jersey eau de Cologne, a gift of the makers. It was knocked down at 5*l.* and re-sold for 25*s.*

EARLIER CLOSING.—The Wolverhampton chemists have arranged to close at 8 P.M. on Fridays and 9 P.M. on Saturdays.—The Boston chemists have decided to close at 7.30 P.M. on Monday, Tuesday, Wednesday, and Friday; 1 P.M. on Thursday; and 9 P.M. on Saturday.—The chemists at Hertford have decided to close at 7 P.M. daily, and also from 1 P.M. to 2 P.M.—The Newport (I. of W.) chemists are to close at 8 P.M. on Monday, Tuesday, and Wednesday from April 3.

OFFICIAL SECRETS ACT.—At the Mansion House Police Court, London, E.C., on March 29, Adolph C. C. Markham, exporter, 165 Fenchurch Street, E.C., and Thomas W. Gimbert, formerly employed by the Board of Trade, were charged with offences under the Official Secrets Act.

Gimbert, it was stated, supplied Markham with lists of drugs required by Allied Governments which had been communicated to the Board of Trade. Accused were remanded, bail being refused.

ROYAL VICTORIA INFIRMARY.—In the report of the Royal Victoria Infirmary, Newcastle-on-Tyne, mention is made of the death of Mr. James Crossley Eno, who was an honorary life governor and a generous supporter of the institution during his life. By his will 40,000*l.* is left to the infirmary, and to commemorate the gift a ward is to be named after Mr. Eno. The late Mr. Eno was for many years the dispenser at the old infirmary in Forth Banks. In regard to the cost of drugs and bandages, the report refers to the fact that, notwithstanding the high prices, a decrease in the cost has been shown over 1914.

LONDON COLLEGE OF CHEMISTRY.—The students and teachers this week paid a visit to the works of Parke, Davis & Co. at Hounslow. For the first time on such an occasion the ladies of the party were in the majority. The party travelled in a reserved coach from Victoria to Hounslow, and thence by special tram to the works, where the party was photographed. The works were afterwards inspected, and explanations given of the various processes which were being worked. Tea followed, and then was given a short lecture by Mr. Stanley White. Mr. Gosling, on behalf of the guests, expressed appreciation of the visit, and emphasised the value of the visit from an educational point of view.

LIGHTING REGULATIONS.—At Castleford on March 15, Mr. J. W. Clegg, chemist and druggist, was fined 10*s.* for a breach of the Lighting Order. Defendant contended that no direct light was given from his shop. Mr. Frank Fawn, chemist and druggist, was also fined 10*s.* for a similar offence.—At Tamworth on March 22, Mr. T. B. Allkins, Ph.C., was fined 1*l.* Mr. Allkins, who complained that he was being worried by the police, said the light in question was only alight for ten minutes to look for something.—At Stroud (Glos.), on March 17, Mr. Hedley C. Smith, chemist and druggist, was fined 10*s.* for allowing a light to be reflected into the street from a mirror in his shop.

POISONING CASES.—Those reported during the week deal with deaths by laudanum and oxalic acid. One of the deaths from laudanum was that of an Accrington woman, who was in the habit of purchasing a cough-mixture made of laudanum and peppermint. The chemist from whom the mixture was purchased stated that deceased signed the poison-book and that the mixture was labelled "Poison."—Another death from laudanum was at Lisburn, where the poison was taken for sleeplessness in too large a quantity.—At North Shields a soldier, named Hatfield, died in a chemist's shop, where he was given an ounce of ipecacuanha-wine as an emetic, as he stated that he had taken poison. Oxalic acid is supposed to have been the cause of his death, but the jury returned it as due to an irritant poison.

DISPENSING FOR GUARDIANS.—At the meeting of the Lambeth Board of Guardians, on March 29, the General Purposes Committee reported that some time since an alteration was made in the arrangements with the local chemists in four of the out-relief districts for the payment to the chemists to be based upon the price-lists of leading wholesale houses, instead of the National Insurance Tariff, as it was found that the latter did not give the chemists the benefit of the increased cost of certain drugs the supply of which is affected by the war. The Clerk now reported that, on further discussing the matter with the chemists, it has become apparent that the advantages of the proposed arrangement are entirely outweighed by the increase of work which the preparation of the accounts would involve. He has therefore made a suggestion to the chemists which they have approved, that the accounts should continue to be based upon the current National Insurance Drug Tariff, and that the dispensing-fee be increased from 2*d.* for quantities of not less than 8 oz., and 3*d.* for 8 oz. and over, to 4*d.* for quantities up to 12 oz., and 6*d.* for more than 12 oz. The Chairman remarked that this is reasonable, and that the Board should give fair play to the chemists, especially so as the Guardians were saving under the new arrangements. The proposal outlined by the Clerk was agreed to, subject to the consent of the Local Government Board.

A NEW VOLUME entitled "More Minor Horrors," by Dr. A. E. Shipley, will be published by Smith, Elder & Co. shortly. It is a sequel to "Minor Horrors of War," a third edition of which is being prepared.

MR. J. J. BEER informs us that he has given up business at 4 Cullum Street, London, E.C., to take over the management of the newly constituted firm of A/S C. Tennant, Sons & Co. (Scandinavian), 14 Storchingsgaten, Kristiania, Norway, and the merchant business previously conducted by him will be merged in that company.

Irish News.

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Pharmaceutical Society of Ireland.

The following are the prize awards resulting from the sessional examinations held at the Pharmaceutical Schools of Chemistry, Botany, and Materia Medica: *Materia Medica Class*: (1) Michael Cullen; (2) Patrick Thomas Callanan. *Theoretical Chemistry Class*: Maurice James Bunyan. *Practical Chemistry Class*: (1) Ernest John Whelan; (2) Joseph McGuire. The new session will commence on April 3.

Brevities.

Mr. Matthew McDonald, Ph.C., 122 Donegall Street, Belfast, has removed to larger premises at 88 Donegall Street.

Dr. James A. Walsh, Ph.C., proprietor of Graham's Medical Hall, Westmoreland Street, Dublin, has been elected President of the Dublin Mercantile Association.

On March 25 a fire occurred in a store situate in William Street, Cork, belonging to T. R. Lester, Ltd., chemists. The fire was quickly extinguished by the fire-brigade, assisted by the staff of Kiloh & Co., Ltd., who occupy adjoining premises.

The medical hall of Dr. Maloney, St. Mary Street, Dungarvan, co. Waterford, was entered by burglars on March 23, but the thieves were surprised by the unexpected return of Mr. Beattie, the chemist, and made off without doing any damage.

Mr. John Leavy, R.D., Mountmellick, affixes to bottles which he sells the following label:

Please return all medicine-bottles, as, owing to the war, makers cannot supply demands.

He tells us that the public are not slow in returning bottles, and the notice forms a good advertisement for his business.

At the Lurgan Petty Sessions Mr. John Black, Ph.C., Church Place, Lurgan, was summoned for selling ipecacuanha-wine not of the standard prescribed by the British Pharmacopœia. The analyst certified that the wine was deficient in alkaloids by 1 per cent. Mr. Menary, who defended, said Mr. Black had communicated with the firm who supplied the goods, and had sent a sample to the Chemists' Defence Association in London. The case was adjourned for the production of the Government's analysis.

A meeting of the Ulster Drug Trade Association was held in Belfast on March 21, Mr. James Tate (President of the Pharmaceutical Society of Ireland) in the chair. A deputation appointed at the annual meeting of the Chemists' and Druggists' Society of Ireland to wait on the Association relative to earlier closing was heard, and, after discussion, it was agreed to approach the Corporation with the object of obtaining a closing order for the following days: 9 P.M. on Mondays, Tuesdays, Thursdays, and Fridays; 10.30 P.M. on Saturdays; Wednesday being the already existing half-holiday. A joint deputation was appointed to wait on the Corporation Police Committee on April 6.

Scottish News.

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Edinburgh.

Mr. David Wilson, assistant to Bisset & Gilmour, chemists, Burntisland, has secured 99 per cent. marks in the chemistry examination of Heriot-Watt College, Edinburgh.

The factory for preparing sphagnum moss as a wound-dressing, which is situated at Redpath, Brown & Co.'s works, is to be extended. The plans are being considered by the Burgh engineer.

Mr. G. Somerville, chemist and druggist, is selling, for the benefit of the Red Cross Funds, a coloured postcard, designed by a soldier from Gallipoli, which delicately hints at the virtues of the "Somerville body-cord."

Fifehire.

Mr. Andrew Dargie has been appointed public analyst for Dundee.

Nightingale & Ferguson, chemists and druggists, Aberdour and Denbeath, are giving up business at the latter town.

Photographic goods, notwithstanding the ever-increasing prices and other disadvantages, are in demand, and the "season" will be in full swing by the time Easter arrives.

Trade Notes.

COOK'S SOAPS.—Edward Cook & Co., Ltd., The Soapery, Bow, London, E., have issued a new price-list with revised and advanced wholesale and retail prices of Cook's pure soaps. The list which, on account of the changed retail price, chemists should obtain promptly, can be had on postcard application.

NEW COD-LIVER OIL.—Allen & Hanburys, Ltd., 37 Lombard Street, London, E.C., send us this week the first sample of new cod-liver oil received this year from their Norwegian factory. The sample is of an oil of exceptional quality and of the characteristic blandness of new oil. Allen & Hanburys, Ltd., will submit samples and price on application.

NI-VERRE PREPARATIONS.—The Ni-Verre Chemical Co., 5-7 Ormeau Avenue, Belfast, have sent us samples of the Ni-Verre hair-shampoo, Virx antiseptic healing balm, and Kiola nursery-pomade. The shampoo-powder is packed in bright scarlet and gold packets, retailing at 1d. The Virx balm, in tins and yellow cartons, sells at 7½d., and the Kiola nursery-pomade, in tins and blue cartons, retails at 4½d.

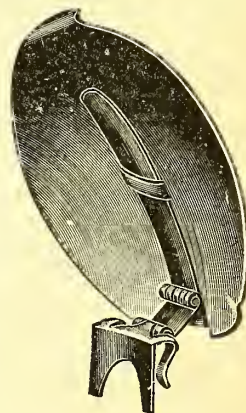
KOLYNOS.—On June 1 the minimum retail price of Kolynos will be 1s. per tube, with wholesale price 9s. per dozen; or in gross lots 5l. 8s. per gross, less 3s. 6d. discount for cash on delivery. Kolynos Inc., in making the announcement so far ahead, desire to give chemists the opportunity of disposing of their present stocks. The retail prices are protected under the scheme of the Proprietary Articles Trade Association.

THYMOL.—Stafford Allen & Sons, Ltd., Cowper Street, Finsbury, London, E.C., are now producing thymol in commercial quantities. A sample of the product which we have seen shows it to be the whitest of the specimens of British-made thymol which we have inspected. It is, moreover, produced in large crystals, and is quite free of any rank odour. The company is to be congratulated on having brought the manufacture to a successful conclusion, and it is hoped that the new business will definitely remain in British hands.

PRICES OF "SANITAS."—Owing to the increased cost of raw materials, packing, labour, etc., the retail prices of "Sanitas" fluid have been raised as from April 1 to 8d. and 1s. 3d. for the sizes which formerly sold at 6d. and 1s. The "Sanitas" Co., Ltd., Limehouse, London, E., in making this announcement in our advertising pages, add that the opportunity has been taken to increase the profit to the retailer. Kingzett's preserved peroxide of hydrogen is also increased to 1s. 6d. The new prices for "Sanitas" fluid and Kingzett's peroxide are protected at face value under the scheme of the Proprietary Articles Trade Association. It will be remembered that empty "Sanitas" bottles have a definite value, and chemists who have accumulations of these bottles or know of stocks in the hands of the public should take the opportunity of turning them into money.

"LID-ON" COVER.—J. Davies & Co., 43 Basinghall Street, London, E.C., are offering for sale by chemists a detachable cover which can be used attached to jugs or glasses. It is made of bright metal in the shape shown in the illustration and is 3½ in. in diameter. The cover will find many useful applications in cases where liquids or other substances require to be protected from dust and flies, and many uses will be found for it in the sick-room. The "Lid-on" cover sells retail at 6½d.

LABORATORY PORCELAIN.—One of the new manufactures taken up in this country is that of laboratory porcelain. The Worcester Royal Porcelain Co., Ltd., Worcester, whose beautiful productions are well known in the household, have taken up the manufacture of laboratory porcelain. Owing to extended experience in the manufacture of porcelain, the peculiar difficulties involved in making crucibles, evaporating basins, etc., were soon overcome, with the result that the ware turned out now is as good and even surpasses any of that previously imported from enemy countries. A catalogue is being prepared, and in the meantime large dealers should get in touch with the manufacturers.



Legal Reports.

Trade Law.

Claim for Analyses.—In the City of London Court on March 27, Judge Rentoul completed the hearing of the case of Lewis Jamson & Co. v. Parker & Lester, Ltd., Ormside Street, Old Kent Road, for 16l. 16s. for analyses of a sample of Orminol and a German disinfectant and supplying for the latter a formula and process (*C. & D.*, March 25, p. 38). Judge Rentoul, in giving judgment, said he thought that when plaintiffs found that the analysis would not do as a working formula they perhaps might have charged only for the analysis. As it was, he found for the defendants, beyond the two guineas paid into court, with costs. He refused leave to appeal.

Workman's Compensation.—At Preston County Court last week, Judge Sturges gave judgment for Arthur Perkins in a claim against his employers, Vernon & Co., surgical-dressings manufacturers, Penwortham. Perkins applied under the Workmen's Compensation Act for a declaration of liability and payment of sixteen days' compensation. In August last he slipped while attending to a drying-machine, and his arm was drawn between hot cylinders, with the result that he was burned. He is now doing light jobs and supervising work. The defence was that applicant was doing something not incidental to his employment, and that he incurred unnecessary risk thereby, but Perkins denied this.

Unstamped Medicines.—At the Sheffield City Police Court on March 24, Ernest Harrop was summoned for selling certain medicines liable to duty without a licence, and with selling unstamped medicines on which duty was liable. Mr. Dart, for the prosecution, said that an officer for the Customs and Excise purchased a box of corn-cure from Mr. Harrop's shop for 3d. The officer noticed on the counter a coloured poster bearing the words "Why suffer? Harrop's Foot and Hand Salve," which he was told referred to the salve. The defence was that the salve is not liable to duty as it does not appear in the Schedule to the Stamp Act of George III. The poster exhibited by the defendant contained no matter in the way of recommendation, but was purely descriptive. A penalty of 2l. in each case was imposed.

Landlord and Tenant.—At Belfast Assizes, the hearing was concluded of an action tried before a special jury, in which Annie Gibson, widow of the late Samuel Gibson, J.P., chemist and druggist, Montpelier, Malone Road, sued William Thomas Doran, J.P., 37-38 Donegall Quay, to recover 550l. as damages for breach of contract to keep a house in repair. The defendant denied that the agreement included the conditions referred to in the plaintiff's claim, but the jury found for the plaintiff, with damages 425l. His Lordship gave judgment accordingly, granting a stay of execution.

Sale of Bovril.—The motion, adjourned from the previous week, by Bovril, Ltd., against the Bodega Co., Ltd., for an injunction to restrain the alleged passing-off as bovril of some other meat-preparation, came before Mr. Justice Eve in the Chancery Division on March 24 (see *C. & D.*, March 25, p. 38). Plaintiffs allege that the defendant company has habitually sold at various of their branches a meat-preparation that is not bovril when customers had, in fact, asked for bovril, and that this had been done without warning or explanation. The hearing was adjourned until March 27, when defendants denied that they had habitually supplied, in response to orders for bovril, any other meat-extract without explanation or warning. The company did not stock bovril, and customers who asked for it were so informed. His Lordship held that the plaintiff company had proved their case, and granted the injunction asked for, with costs. It was, he said, a plain case of passing off "Oxo" for "Bovril."

Rubber-substitutes. In the Shoreditch County Court on March 23, Franklin Goldberg & Co., Ltd., 45 Hackney Road, N.E., sued Rubastic, Ltd., 41 Osterley Park Road, Southall, to recover 27l. 17s. 3d. for work done, goods supplied, and loss of profit through the cancellation of orders. It was explained that the defendant company was formed by a body of Paris financiers for the purpose of manufacturing articles of rubastic—a substitute for rubber—and that in March 1915 defendants asked for a quotation for wooden moulds for the making of rubber teats for babies' bottles, very large orders being promised if the price was right. This proved to be the case, and dozens of gross of moulds were ordered. Many were supplied, but shortly after the order was cancelled until after the war. All that had been actually supplied up till then had been paid for, but they had a quantity on hand, and orders

which meant a big loss if not completed. It was stated that owing to the war Rubastic, Ltd., closed down last August, and that with the moulds supplied by the plaintiffs grosses of babies' teats were made and sold, but they were all returned by the chemists. Judge Graham said the case raised knotty points, and he would reserve his judgment.

Germans Sued.—In the King's Bench Division on March 27, Mr. Justice Darling and a special jury had before them an action in which Mr. Albert Warren Scales, now in the Army Service Corps, claimed damages against A. Wulffing & Co., proprietors of Sanatogen and Formamin, for alleged wrongful dismissal. The defence was a plea of justification on the ground of alleged disloyalty to the employer. Mr. Hawke, for plaintiff, said that A. Wulffing & Co. is really an individual—Johann Wulffing, a German, resident in Berlin—and Mr. Scales complained that he was wrongfully dismissed from the position of joint manager in this country with a Mr. Max Muller. This appointment he received under an agreement that he should be paid 500l. for a year's service, and a collateral agreement whereby he was to have a bonus of 50l. Within a few days of the document being signed he was dismissed without justification. Some years ago Mr. Scales became Colonial representative of the firm, and when the war started he was in New Zealand, and on his return he at once discussed his position with the company, as he did not like the idea of working for a German concern. Mr. Muller, however, told him that the business in this country was to be converted into an English limited company, and steps were taken to make this known here and in the Colonies, Mr. Scales being sent to Canada to spread the news there. The real complaint appeared to be that Mr. Scales subsequently discussed with others the possibility of forming a British company to take over the business in this country, and it was said that he thereby showed disloyalty to his employers. When he returned from Canada he was appointed joint manager here with Mr. Muller, who, in the course of a discussion about the position of the company, said the suspicions and prejudices of the medical profession had been somewhat allayed, and he thought it would be unnecessary to form an English company. He added that at the end of the war a company might be formed, the shares to be given to nominees, and, after a time, to revert to Johann Wulffing. Mr. Scales was a little upset about this, and reminded Mr. Muller of the representations made to the British public and in Canada, and Mr. Muller then said a British company could not now be formed, because the authorities had declined to permit it. Mr. Scales and other employés tried to get the Home Office to act in the matter, and no doubt this would be cited by the other side as a breach of duty.

Mr. Matthews, for defendants, said his case is that the plaintiff was guilty of treachery and bad faith; and for that the company dismissed him.

Mr. Hawke added that in his submission it is not treachery to one's employer to do something which one really believed was the best thing for the employer. The correspondence showed that Mr. Wulffing would have been only too pleased if an English company had been formed.

Mr. Scales gave evidence denying there was any justification for his dismissal, and, under cross-examination by Mr. Matthews, said he did not see a telegram from Mr. Wulffing consenting to the formation of an English company "providing the right of re-purchase was reserved." This telegram (said counsel) was intercepted by the Home Office, and the "fat was in the fire." Eventually the authorities gave Wulffing & Co. conditional permission to continue the manufacture of Sanatogen in this country.

When the hearing was continued on March 28 Mr. Scales was re-examined, and Mr. J. B. Matthews then opened the case for the defence. He suggested that the only ground the plaintiff could have for expecting to succeed in this action was the fact that the man he was suing was a German, and that there was a war on. But, counsel added, he thought it could hardly be necessary to ask a British jury not to let any such circumstance prejudice their minds. When the negotiations with the Home Office were proceeding a communication was sent to Von Wulffing in Berlin inviting his consent to the transference of the British branch of the business to a British company, but such was the very poor real knowledge possessed by Germans of the psychology and temperament of the people of this country that he wired back his willingness to consent, subject to his being able to reserve the right of re-purchase after the war. Of course, this was not the intention of the British authorities, and they intercepted the telegram. Dealing with the petition sent to the Home Office, Mr. Matthews described it as monstrous. The plaintiff had given evidence that its sole object was to enable them to negotiate with Von Wulffing, but there was not a word to that effect in it. It was mainly an expression

of abhorrence of Von Wulffing, and counsel suggested that the real object was indicated when the petition asked that the business in this country should be sold to the petitioners. Mr. Matthews suggested that the keynote of the movement was that the Alien Internment Committee had made a mistake in exempting Max Muller from internment on the ground that he was indispensable to the management of the business here, and that it was in the interest of this country that Muller should not be prevented from carrying on the business. Sir John Simon announced this in the House of Commons. Counsel said he did not propose to put Max Muller in the witness-box, because he might be asked all sorts of questions about the business and all kinds of information might be obtained from him about it. Mr. Eric Hudson, advertisement-writer for the defendant firm, gave evidence that Mr. Scales spoke to him about the scheme, and asked, "Why should we go on making money for these German swine when we could be making it for ourselves?" Mr. Hudson refused to have anything to do with it.

Sir Wm. Bull, M.P., a member of the firm of Bull & Bull, solicitors for the defence, then gave evidence, saying that he attended before the Internment Committee and made a statement about the business and about Max Muller. Further than that he had never done anything or used his influence in any way to prevent Muller being interned. The jury returned a verdict for the defendants, and judgment was entered accordingly, with costs.

Deed of Arrangement.

Hayton, Thomas Rebanks. 14 The Causeway, Teddington, Chemist and Druggist. Dated, March 21; filed, March 27; trustee, Mr. P. S. Booth, 2 Bixteth Street, Liverpool; unsecured liabilities, 244*l.*; estimated net assets, 300*l.* Among the creditors are McGgeson & Co., Ltd. (17*l.*), Sangers (13*l.*), Wright, Layman & Umney, Ltd. (11*l.*), and Yardley & Co. (10*l.*)

Bankruptcy Report.

Re James Charles Cotton. 65 Church Street, St. Helens, Chemist and Druggist.—The public examination of this debtor took place at Liverpool on March 27 (see *C. & D.*, March 18, p. 38). The failure was attributed to diminished profits owing to the operation of the National Insurance Act and to the war. He had kept neither books of account, nor had he made out any balance-sheet. He could not supply further particulars of his expenditure. The Official Receiver said that debtor must clearly understand that if he goes into business again and does not keep books he will be committing a criminal offence. The examination was ordered to be closed.

Gazette.

Bankruptcy Acts.

RECEIVING ORDERS AND ADJUDICATIONS.

GREENISH, T. E., 72 Bushey Grove Road, Bushey, Herts, carrying on business under the style of Godfrey & Cooke at 7 Royal Arcade, Bond Street, and lately at 30 Conduit Street, London, pharmaceutical chemist.
HANDLEY, J. W. P., Howarth Knowl, Wardle, and at 405 Halifax Road, Smallbridge, chemist.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

CRESSWELL & Co., LTD. (P.C.).—Capital 250*l.* Objects: To take over the business of a chemist and druggist carried on by J. N. Cresswell at 23 Netherfield Road, North Liverpool, as the "St. George's Pharmacy."

DEOCH-AN-DORIS Co., LTD. (P.C.).—Registered in Edinburgh. Capital 20,000*l.* Objects: To carry on the business of manufacturers of and dealers in aerated and mineral waters, etc. R.O., 26 Charlotte Square, Edinburgh.

WRIGHT, LAYMAN & UMNEY, LTD.—In presenting the audited balance-sheet and profit-and-loss account for the year ended December 31, 1915, the directors have to report that the year's trading has proved satisfactory. The accounts show that, after providing for bad and doubtful debts, there is a trading profit of 24,387*l.* 17*s.* 2*d.* Adding the amount brought forward from last year—viz., 1,015*l.* 5*s.* 3*d.*—there remains to the credit of profit-and-loss 25,403*l.* 2*s.* 5*d.* From this the following appropriations have been made: Dividend of 6 per cent. on preference shares, less income-tax, 4,781*l.* 5*s.*; interim dividends of 6 per cent. on ordinary shares, less income-tax, 2,328*l.* 15*s.*; directors' fees, 4,500*l.*; income-tax, 2,040*l.* 11*s.* 5*d.*; leaving a balance of 11,752*l.* 11*s.* From this amount a further dividend of 14 per cent. on the ordinary shares, less income-tax, is recommended, making 20 per cent. for the year, absorbing 5,433*l.* 15*s.*, and leaving 6,318*l.* 16*s.* to be carried forward. Mr. E. B. Layman retires by rotation, and offers himself for re-election.

EVANS SONS LESCHER & WEBB, LTD.—Sir Edward Evans presided at the annual meeting of shareholders, held at 56 Hanover Street, Liverpool, on March 24. In moving the adoption of the directors' report, accounts, and balance-sheet (see *C. & D.*, March 18, p. 39), Sir Edward referred with pleasure to the fact that his brother (Mr. John J. Evans, Chairman of the company) is now practically convalescent, and hopes to return to business shortly. Sir Edward was pleased to be able to congratulate the shareholders on the report, a feature of which was the large increase of business with which the company had been able to cope. They were again looking ahead for the possibility of these new clients continuing their business relations after the war, and many new arrangements have been made, including the new works just completed at Runcorn for the manufacture of many articles hitherto only obtained from Germany. They must all recognise that there will be a difference in many respects in dealing with the various Dominions of the Empire and the Colonies, who have so bravely come forward to help us in this great war, and no doubt there will be a closer alliance in many directions than there has ever been before. Sir Edward maintained that after the war there will be a vast increase of business for all the manufacturing and distributing industries in this country; therefore it behoved them all not to make up their minds too hurriedly in reference to fiscal arrangements till after the war, but watch events very carefully. He then referred to details of the accounts, which showed that all the preliminary expenses incurred in research-work, etc., in connection with the new works at Runcorn, and all the expenses of the new issue of preference shares, had been written off. A bonus fund had been established and apportioned to employees, and Sir Edward thanked all the staff for the warm support they had given during a very trying year. By an unfortunate omission no allusion was made in the report to the National Drug and Chemical Co. of Canada, Ltd., with whom the most friendly relations continue. Mr. T. E. Lescher seconded the resolution, which was carried unanimously. Mr. J. J. Evans, Mr. E. A. Webb, and Mr. J. N. Evans, the retiring directors, were re-elected.

SOUTHALL BROS. & BARCLAY, LTD.—Sir Thomas Barclay presided at the annual meeting, held at the Grand Hotel, Birmingham, on March 27, and, in moving the adoption of the report, said the year's profit was a "record," due mainly to an increased turnover. The sales were 50 per cent. in excess of the preceding year, up to then the largest year in the history of the company. After dealing with various items in the balance-sheet, he said the balance of profit and loss, amounting to 27,358*l.* 11*s.* 7*d.*, showed a satisfactory increase. The goodwill, which stood at 50,000*l.*, would be reduced by a further sum of 3,000*l.* Dealing with trade matters generally, Sir Thomas recalled a warning he gave in 1910 relative to the enormous extent to which crude coal-tar products were being exported from this country to Germany, and after being worked up synthetic dyes, chemicals, drugs, and perfumery products were re-exported to us, and gave a comparative statement of prices. Sir Thomas then made some interesting observations regarding plans for encouraging scientific control of industries, and made passing allusion to the marked effect of the shortage of tonnage in the price of many drugs, giving cascara-bark, which had nearly doubled in price, as a specific instance. In connection with the Scientific Apparatus Department in Broad Street, he spoke of the great advance in the manufacture of glassware and porcelain in this country. The company's Irish works had been in full swing during the year, and the increasing demand for "Vitafer" had compelled the directors to increase the capacity of the factory. Mr. Thomas Barclay seconded, and the report was adopted. Mr. Thomas Barclay was re-elected a director.

Births.

Authenticated notices are inserted without charge.

ROGERS.—At 28 Osborne Road, Southsea, on March 22, the wife of J. W. Rogers, chemist and druggist, of a son.

SIMNETT.—At 49 Barnsbury Street, Islington, London, N., on March 18, the wife of Spencer R. Simnett, pharmacist, of a son.

Deaths.

Authenticated notices are inserted without charge.

ABBOTT.—At 35 Ashchurch Park Villas, London, W., Mr. Arthur Abbott, for over fifty years with Savory & Moore, New Bond Street, W., aged seventy. The funeral took place at Brompton Cemetery on March 30.

BURROW.—At St. James's, Malvern, on March 14, Mr. John Severn Burrow, chemist and druggist. With his brother, the late Mr. Walter Burrow, he established the Belle Vue Pharmacy, Malvern, in 1850. He served on the old Town Commissioners, as a manager of the National Schools, and as Warden of Priory Church.

JAMIESON.—At 181 Strathmartine Road, Dundee, on March 27, David Jamieson, infant son of Mr. David Maxwell Jamieson, chemist and druggist.

LAWTON.—At Ashton Old Road, Higher Openshaw, Manchester, on March 19, Mr. Stephen Hetherington Lawton, chemist and druggist, aged seventy-two. Deceased was in business before the passing of the Pharmacy Act, 1868.

MANNIN.—At the Royal City of Dublin Hospital, Upper Baggot Street, Balls Bridge, on March 25, Evelyn, eldest daughter of Mr. Cornelius Mannin, Ph.C., Great Brunswick Street, Dublin.

METCALFE.—At Shirley, Birmingham, on March 25, Jennie, the dearly loved wife of J. T. Metcalfe, M.P.S., after many years' suffering most patiently borne.

TRYTHALL.—At 11 Trevenson Terrace, Camborne, on March 18, Mr. Thomas Arthur Trythall, chemist and druggist, aged thirty-four. Deceased passed the Minor examination in 1903.

VANCE.—At 92 Main Street, Bray, on March 25, Mr. James Noy Vance, Ph.C., son of the late Clement Vance, Cork, aged seventy-eight.

Killed in Action.

LAMBERT.—Second-Lieutenant Jack Fellows Lambert, King's Royal Rifle Corps, reported as killed in action at Hooge, was a grandson of the Hon. James J. Fellows, New Brunswick, Canada, the originator of Fellows' Syrup of the Hypophosphites.

Died of Wounds.

MCNALLY.—At Ambley Hospital, Glasgow, on March 23, Corporal Hugh McNally, Connaught Rangers. Prior to enlisting he was in the service of Mr. H. Lancashire, Ph.C., Ballymena, and had been invalided from France.

Personalities.

Authenticated notes are inserted without charge if not in the nature of advertisement, and subject to Editorial approval.

MR. F. CHERRY, Ph.C., High Street, Walton-on-Thames, has been re-appointed an overseer of the poor.

MR. T. B. CORNFOT, chemist and druggist, Herne Bay, has been re-appointed honorary optician to the Herne Bay Cottage Hospital.

MR. EWART JEPSON, chemist and druggist, Darwen, has resigned his position as Honorary Pharmacist of Moss Bridge Military Hospital, Darwen.

MR. E. A. ATKINS, O.C., has been appointed Regimental Quartermaster to the Staff Brigadier-General, the Hon. F. C. Bridgeman, commanding the Central London Volunteer Regiment.

At a Convocation of the Oxford University on March 22, thanks were expressed for the munificent benefaction of Mr. Dyson Perrins, of Queen's College, of 30,000*l.* for a new chemical laboratory.

MR. A. MORTIMER, chemist and druggist, St. James's Pharmacy, Harrogate, has been appointed Section Leader of the Ambulance Section of the West Riding Special Constables, Harrogate District.

MISS MARGARET FOWLIE MERSON, daughter of Mr. G. F. Merson, Ph.C., Edinburgh, had conferred upon her the degree of Master of Arts of the University of Edinburgh at the graduation ceremonial held in the McEwan Hall on March 28.

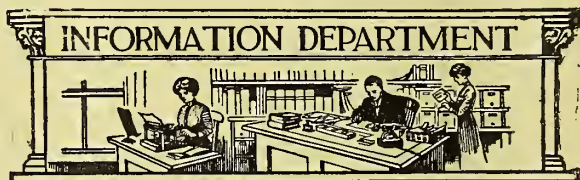
MR. L. SHERWOOD SELLÉ, chemist and druggist, 2 Westcott Street, Hull, has been appointed a local counsellor in connection with the Salvation Army "Widows' Counsellors" scheme for helping widows and orphans by giving advice in difficulties.

LIEUTENANT W. R. RITCH, of the 11th Battalion (the Cameronians) Scottish Rifles, has been promoted Captain. He was the Scottish representative of Sparks, White & Co., Ltd., and obtained his commission shortly after the war broke out.

PROFESSOR A. G. GREEN has resigned his position as head of the dye-department of the Leeds University, as a protest against a scheme for setting up in connection with the University a department to conduct research work exclusively for British Dyes, Ltd.

LIEUTENANT PERCY KNAPP, 7th King's Liverpool Regiment, son of Mr. Chas. R. Knapp, chemist and druggist, Streatham Park, London, S.W., late of the Broadway, Leigh-on-Sea, has been severely wounded in the left thigh, and amputation has had to be performed.

MR. THOMAS NEEDHAM, chemist and druggist, chairman and managing-director of Needhams, Ltd., has been appointed a Justice of the Peace for the County of London. Mr. Needham, who lives in London, controls a large number of chemists' businesses in London and the Provinces. He is one of the most astute business-men in pharmacy.



Postal Address:

C. & D. INFORMATION DEPARTMENT, 42 Cannon Street, London, E.C.

Telegraphic Address: "CHEMICUS, CANNON, LONDON" (two words).

Telephone Number: 3617 CENTRAL (three lines).

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated. Please address us as above:

170/50. "Halo" cream.
169/71. Blakeman's No. 0 empty capsules.
174/60. Hoogland's medicated paper.
174/60. "Imperial" enema.
174/60. "Sulpholol."
174/45. Booth's pastilles.
174/1. Aqua Alibourg.
174/37. Makers of a soap-paste for cleaning the hands after motoring, etc., put up in tubes, and green in colour.
174/1. Mucin lozenges.

174/24. "Dentol Finch."
167/30. "Alilo" sulphur.
173/24. "Elephant" brand sarsaparilla.
173/24. Dr. Dennet's kidney pills.
174/62. British Antapsal nasal appliance.
174/74. Margery's "Whooperine."
174/73. "Diabeton."
175/64. Paraphenylenediamine supplies.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C.:

Acetic acid, 173/1
"Agmel," 164/33
Barry's "Tricopherous," 153/5
Blood albumen, 147/7
"Bromo-Adonis," 135/51
Bromural substitute, 148/13
Calomel, 157/65
Camel-hair brushes, 159/42
Carabana water, 154/73
"Crembas," 167/24
"Dentamint," 166/21
Diamond dyes, 155/430
"Dioxogen," 153/24
"Florax," 111/220
Glucose, 144/30
Goddard's plate-powder, 159/59
"Guard's" hair-dye, 153/23
Harris's saddle-paste, 168/41
"Kraska," 155/13
Lanoline, 169/15
Lee's inhaler, 125/2

Listerine, 117/35
Magnesium powder, 166/27
Pocket canteen, 164/15
Post's "C.B.Q.," 152/70
"Potex," 128/26
Precipitated chalk, 156/54
"Puritas" disinfectant, 140/65
"Ratinol," 168/30
Ridge's Food, 121/72
Robbin's ozonic ether, 174/2
Rottenstone, powdered, 113/60
"Ruscol" ointment, 128/37
Saffron (for Japan), 122/740
"Saniflush," 111/22
"Sanusin" semipules, 125/26
"Satin tablets" for chapped hands, 124/56
Weighing and folding machines, 160/8
"Willowette" ointment-boxes, 154/731

Observations and Reflections.

By Xrayser II.

The Shortage of Paper

must make its influence felt in the greatest degree and in the most acute form on trade journals like the *C. & D.*, which in the past have depended on a *bona-fide* paid circulation. With such journals it would be folly and waste to print a greater number than are actually required to supply their subscribers, and hence, when they are compelled to submit to a drastic reduction of one-third of their usual allowance of paper, the change is at once obvious. It is far otherwise with the daily Press, the custom of taking back returns, often a large proportion of every issue, having in the past resulted in a much larger quantity of paper being used than was actually necessary. Now, when a compulsory reduction is in force, all that the daily paper need do is to stop printing the extra copies that were formerly unsold, and in this way the size of the paper is kept very much at the old standard. This is why our daily papers seem just about as large as before, and why the trade papers are compelled to cut down in size. It may occur to some that the reduction in quantity of paper used means a saving, but I happen to know that paper has gone up in price by at least 200 per cent., and so the *C. & D.* is hit all round.

The Spring Crocus.

now fading in our gardens, is not a medicinal plant, but the fact does not seem to be generally known. The other day I saw a young lady in charge of a parcel of schoolgirls in one of our public parks pointing out to them a bed of yellow-flowering crocuses boldly labelled "*Crocus sativus*: The Saffron Crocus." I was at some pains to find the head-gardener and get the blunder rectified. To my amazement he defended the label, and I am not sure that I convinced him that he was wrong. "Everybody," he said, "knows that saffron is yellow." A letter to headquarters, however, put the matter right. A still more curious blunder occurs in a very pleasant book of flower-lore, "*The Book of Flowers*" (Smith, Elder & Co., 1909), in which a great deal of interesting information regarding the saffron crocus, fortified by quotations from all sorts of authorities, from Lyte to Canon Ellacombe, is given under the head of "*Meadow Saffron: Colchicum autumnale*," to which it has, of course, no reference at all. The book is intended rather for amusement than instruction, but it may possibly mislead some budding botanist.

The Candidature of

Messrs. Deakin and Skinner is being conducted as nearly as possible upon the lines I have always advocated, and I heartily wish them success. Should they, as no doubt they will, secure a place on the Council, we shall see a further development in the same direction; and although a thoroughly satisfactory scheme of territorial representation is impossible under our present constitution, much may be done, even under existing conditions, to force on such a revision of the constitution as the great majority of pharmacists desire. Such sporadic efforts at "territorialising" our representation as are now being made do not, perhaps, amount to much in themselves, but they show the way we must take. Were every election fully contested by progressive men with such local backing as Messrs. Deakin and Skinner's, reform of a far-reaching character would soon be within "the sphere of practical politics." One of your last week's correspondents said that it is not likely the Society will reform itself, but in the nature of the case reform must come from within.

Our Constitution

is determined by statute, and can only be altered by statute, and the only hope of statutory alteration is that the Society itself will be induced to ask for it. All we who are not on the Council can do is to see that we are represented there by men who share our views and will do their best to make them operative. Our Government at present, says the correspondent

referred to, is a bureaucracy; yes, a bureaucracy tempered by grumbings, which only tend to disguise our helplessness. We have got to keep in mind the fact that, after all, we, and not the Council, are the Society; grumbling at the Council is simply damning ourselves. In the whole course of my fairly long life I have not met with half-a-dozen men who had not at some time a grumble against the Society, or with half the number who were seriously trying to effect a reform. And then we rail against the apathy of outsiders! If we would only in real earnest set about the task of putting our house in order there would soon be few outsiders left; as I said the other day, if we were really alive we should grow.

"Effete"

is too mild a term to apply to our present representative system; it is not only effete but thoroughly unsuitable. Something might have been said for it when the Society was first formed, but the conditions are very different now. A short study of Bell and Redwood's "*Progress of Pharmacy*"—not a grateful task, for the book is not easy to read—affords sufficient proof of this. The Society took its rise from a tea-party, and there were, if I read aright, not many more than a hundred members, mostly London men, when the laws were made. The Committee that drew up the laws was composed entirely of Londoners, and their work was approved and passed at a meeting at the Crown and Anchor on June 1, 1841. In the following September the total membership was only 450. I give these particulars not in any carping spirit, but merely to show how impossible it was at the time to legislate for future conditions. No doubt there have been alterations made since, but none, so far as I know, in the constitution of the Society, since the date of its Charter. It is refreshing to find that the primary object of the promoters of the Society was not the safety of the public, but the protection of the interests of its own members. Of course, this was not put forward in the preamble of the Pharmacy Act, 1852, and it was one of the Society's objects, from the first, to educate as well as to protect its members, since only thus could protection be assured; but as a Society, no less than as individuals, we stand on a basis of self-interest—the only solid basis, I venture to say, on which anybody can permanently stand. To come back to my point: a Society formed extemporaneously to meet a sudden emergency would be more than human if it hit all at once upon a constitution not for an age but for all time, and I submit that the time has come for revising ours.

March 26, 1916,

was the quatercentenary of the birth of Konrad Gesner, whose encyclopædic learning has earned for him the title of the German Pliny, though he was born, and, except for a short studentship in France, lived until his death from plague in 1565, in Switzerland. The son of poor parents, he had only his own industry, some little influence from an uncle, who was a Protestant preacher, and such financial help as his own acquisitions earned for him from his native town, Zurich, on which to depend; but the amount of good work he managed to crowd into his short life was enormous. At Paris, where he had intended to devote himself to medicine, he was tempted into the study of natural sciences in general, as well as of the literatures of Greece and Rome, and he partly supported himself by compiling a Latin dictionary. He had, however, to leave France for want of means, and was successively a school-teacher at Basle, a Professor of Greek at Lausanne, and a Professor of Physics and Natural History, as well as a practising physician, at Zurich. He is said to have published seventy-two books during his life, and to have left eighteen unfinished. The greatest of his published works was his "*Historia Animalium*," a compilation to which our William Turner (the herbalist) contributed the chapters relating to England. Gesner's chief claim on our attention is found in his work as a botanist, in which he was an original authority and a pioneer. Very little of his botanical writing is known, but he is credited with being the first to distinguish clearly between genera and species.

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Editorial Articles.

Soap Imports Barred.

THE Board of Trade give notice that under a Proclamation that will be issued on Friday, the importation of fatty acids and soap into the United Kingdom except under licence will be prohibited as from March 30. It is understood that this prohibition will be subject to the issue of licences in respect only of goods *en route* for the United Kingdom, or goods actually purchased at the date of issue of the notice (March 24). The expression "goods actually purchased" refers solely to goods the purchase of which has been completed by payment. All applications for licences, and inquiries on the subject of these prohibitions, should be addressed to the Controller, Department of Import Restrictions, 64 Victoria Street, Westminster, S.W. This further ban on imports, imposed for the purpose of providing room in ships for the conveyance of necessities, was foreshadowed a fortnight ago by Mr. Runciman (President of the Board of Trade), the information being conveyed to this country *via* New York. It appears that since the Government has taken over the control of the soap-factories there has been a considerable expansion in our imports of soap of all kinds, because English makers are compulsorily engaged on Government orders, and neutral countries have therefore been able to step into the British markets without restrictions, and take business away from firms who are engaged in fulfilling the nation's needs. This is illustrated by the following official figures of imports into the U.K. from the Board of Trade Returns during the past three years:

	1913.	1914.	1915.
	Cwt.	Cwt.	Cwt.
Household soap ...	162,138	106,948	181,233
Soap-powder ...	55,799	49,387	56,526
Toilet-soap ...	20,201	15,634	18,250
Unenumerated soap ...	144,950	175,487	174,261

The value of the toilet-soap imported last year was 140,981*l.*, against 112,379*l.*, and during the two months of this year we have already imported 3,991 cwt., against 2,187 cwt. in 1915, which figures show that the imports are increasing. As was shown in the *C. & D.* of February 26 (p. 50), these imports almost entirely consist of American toilet-soaps, which, having regard to the vital importance of checking unnecessary imports requiring to be paid for in gold, need to be stopped during the continuance of the war. Before the outbreak of war the British soap-making industry was probably experiencing greater prosperity than it has ever done before, the exports increasing in a highly satisfactory manner, while of the home consumption about 90 per cent. was supplied by the British factories. It is of interest to refer to the Census of Production figures regarding soap, which in 1907 showed a home production of 7,375,000 cwt., exports of 1,240,000 cwt., and net imports of 624,000 cwt. in 1907, the net imports including 132,000 cwt. of soap stock, valued at 82,000*l.* The value of the home production of soap in 1907 was well over eight millions sterling, even without soap stock,

PHARMACEUTICAL FORMULAS. (9th Ed.) 10/-, by Post 10/6.
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of which but little is entered in the returns of the Census of production. It must be admitted that American competition in the soap trade has become keener during the past ten or fifteen years, especially in toilet-soaps, but we have still a much larger trade in exports than the United States, although during the war our lead has been reduced.

The Supply of Glycerin.

THE restrictions on the supply of glycerin to chemists are more severe in practice than were indicated in last week's issue (p. 43). Glycerin will only be supplied by makers and wholesale druggists on an undertaking that it will only be used in making preparations of the British Pharmacopœia and in dispensing doctors' prescriptions. This precludes the use of glycerin in proprietary cough-mixtures or its sale over the counter for internal medicinal use. We understand that the Ministry of Munitions is not disposed to give permits for the use of glycerin for any other purposes than those indicated above, but when applications are made full particulars must be submitted of the quantity needed and the formulæ in which it is ordered. It is also necessary to submit evidence that it is in the public interests that the particular mixture should continue to be sold. Inquiries which we have made indicate that the amount of glycerin used in medicine and for toilet-purposes is very large in the aggregate, which is sufficient reason why the Ministry of Munitions should check the supply for these purposes.

Position of Alcohol.

IN view of the abnormal conditions which have prevailed in the market for industrial spirit this year, it is not surprising that a further considerable advance has been agreed upon by the British distillers. No official pronouncement has yet been made, but it is giving away no secret to say that on April 1 (at which date the bulk of contracts terminate) the new prices for rectified spirit will show a considerable advance, the amount having been already fixed. All spirituous preparations, like ethers, spirit. ether. nit., spirit. ammon. aromat., and tinctures, will accordingly be dearer, and many preparations in which spirit is employed. We may add that the makers of industrial and mineralised spirit have also followed this advance, and the new prices will be announced in due course. It may be remembered that British rectified spirit was advanced 7*d.* per proof gallon at the end of December last, and industrial and mineralised spirit by 1*s.* and 1*s.* 1*d.* per gallon respectively, but the very heavy demands for strong spirits for high explosives still cause a serious inroad on the amount available for medicinal and manufacturing purposes, users in many instances having only been able to obtain part of their requirements. The present Excise-duty on British spirits is practically 16*s.* 3*d.* per proof gallon, but another advance next Tuesday, when the Budget is introduced, would not be surprising.

Medical and Dental Registers.

THE Medical Register for 1916 has been issued this week by the General Medical Council (10*s.* 6*d.*, Constable & Co., Ltd.). It contains the names of 43,225 medical men, which is considerably above the average (41,979) of the last five years, and 5,554 more than at the corresponding period of 1914. The various Acts of Parliament which regulate the practice of medicine in this country are also given. The Dentists' Register (3*s.* 4*d.*, Constable & Co., Ltd.) contains 5,453 names, an increase of twenty-seven over the previous year. Twenty-six per cent. of the names are of persons who were registered at the passing of the Dentists Act, 1878, as being then in *bonâ-fide* dental practice.

Scarcity of Acetic Acid

IN view of the extreme scarcity and difficulty in obtaining acetic acid in Europe, rubber-planters in the Straits Settlements, who require large quantities of glacial quality for coagulating the plantation latex, are turning their attention to the Canadian and Japanese markets as a source of supply. Imports have already been received in the Straits from Japan, but the quality is not sufficiently pure, practically B.P. being wanted. Inquiries which have been made in Canada show that 80-per-cent. commercial has been produced in that country for some time past, and we now learn that 96 to 99 per cent. strength is being produced, one maker being able to furnish two tons per day. At the present time the European market is largely dependent on the United States and Holland for its supplies, in which countries the manufacture even at the present high level of prices is diminishing, as the bulk of the acetate of lime is required for the manufacture of acetone, of which European Governments are willing to buy more than is manufactured.

Medical View of Stock Mixtures.

THE West Ham Insurance Committee, in a communication to the National Association of Insurance Committees, protested against the use of stock mixtures which the Committee found is facilitated by a provision in the new Drug Tariff. The National Association thereupon invited the observations of the British Medical Association on the matter, and Dr. Alfred Cox's reply is given in the "British Medical Journal." This letter states that the experience of the medical profession has evolved certain mixtures which are known to be efficacious in certain common complaints. Scientific pharmaceutical experiments, as well as long experience, have shown that some of these can safely be kept in bulk for any reasonable time. If medical men are not allowed to use stock mixtures, it is certain that stock prescriptions will be used, and it will be found on examining prescriptions that there is a constant repetition of certain well-known formulæ. In regard to the professional objections of the chemist, it is stated that Mr. E. F. Harrison, Ph.C., has given the opinion that certain mixtures are sound from a pharmaceutical point of view, and will keep without deterioration for any time that they might fairly be expected to be stocked. The letter continues:

Chemists can hardly be serious in their opposition to all stock mixtures, seeing that the majority of chemists themselves make and sell stock mixtures. This can be proved by inspection of the window and shelves of nearly any chemist in business. He puts up for sale cough-mixtures, tonics, etc., which are made in large quantities and bottled off, and which it is to be presumed he would not offer for sale unless he was convinced that such mixtures were correct from the pharmaceutical point of view, and that their use would not be likely in any way to prejudice the person who took them. The very best houses in the wholesale drug-business make and sell large quantities of stock mixtures for the use of doctors and chemists.

The unfairness to the chemist on the financial side does not exist, states Dr. Cox, and he proceeds to show that it is quicker to fill up ten 8-oz. bottles with stock mixtures than to compound five 16-oz. mixtures separately, and the saving in time, although the dispensing-fee is lower, gives a remuneration of 2*s.* 7*d.* per hour, against 1*s.* 11½*d.* per hour. It is added:

An admittedly fair average time for dispensing an 8-oz. mixture for an *ordinary* prescription is six minutes. To dispense ten bottles separately takes one hour, and the dispenser is paid 1*s.* 8*d.* for this at the ordinary Tariff rate of 2*d.* per bottle. It would thus appear that it will pay the chemist well to treat as a stock mixture any mixture of which half a gallon will be used before it deteriorates.

The steps taken in consultation with the Pharmaceutical Society to avoid formulæ which deteriorate are outlined.

Pharmaceutical Society.

North British Branch.

THE second evening meeting of the session was held at 36 York Place, Edinburgh, on March 22, Mr. David Gilmour in the chair.

The first paper was by Mr. WM. DUNCAN, Ph.C., on

THE PRECIPITATION OF CODEINE SOLUTIONS BY AMMONIA.

The author said that the erroneous statement in the 1898 B.P. that a 5-per-cent. aqueous solution of codeine phosphate was not precipitated by ammonia is repeated in the 1914 edition, notwithstanding that the error had been pointed out. An ambiguity as to the quantity of hydrochloric acid to be employed in dissolving codeine is brought to light, for if too much acid is used the codeine will not dissolve without heat, and on cooling crystallisation will follow. Codeine chloride, though fairly soluble in water, is readily salted out by excess of hydrochloric acid. A faintly acid 2-per-cent. solution of codeine does not immediately precipitate with ammonia, but if set aside for a few minutes precipitation begins and continues till most of the codeine is deposited. With the 5-per-cent. solution of the phosphate precipitation is quite pronounced.

Mr. DOTT, as a member of the Committee of Reference, confessed that he did not pay any attention to the statement. He thought the test might have been struck out altogether as it was of no real importance, in which Dr. WATT concurred. Mr. LOTHIAN said the non-precipitation by ammonia as a test between codeine and morphine must now be regarded as of doubtful feasibility, and Mr. COWIE said that perhaps too strong ammonia had been used, which would prevent precipitation. Mr. HILL said that the present Pharmacopœia revealed a want of co-ordination, and this would never be right till the full responsibility was in the hands of a Committee of skilled pharmacists. Mr. DUNCAN, in his reply, referred to the fact that he had drawn attention to this error in the 1895 Pharmacopœia about twenty years ago. It was unpardonable and amazing that such errors should be allowed to persist.

The next communication was by Mr. W. G. McNAB on a case of

POISONING BY DAFFODIL-BULBS (*NARCISSUS PSEUDO-NARCISSUS*).

The poisonous nature of daffodil-bulbs was brought to the author's notice by the effects produced on three separate occasions through a family partaking of soup and stews, in each of which were cooked what were supposed to be onions. On the third occasion there were violent sickness, vomiting, and diarrhoea, and also pronounced salivation with bitter taste in the mouth, the salivation continuing for several hours. On investigation it was found that the cook had used daffodil-bulbs thinking they were onions. A. W. Gerrard (1877) separated an alkaloid, pseudonarcissine, and its physiological properties were examined by Dr. Sydney Ringer, who found that it produced copious salivation, increased cutaneous secretion, and contracted the pupil of the eye, while the alkaloid from the flowering bulb resembled atropine in checking cutaneous secretion and dilating the pupil of the eye. He also found that the extract of the bulbs was much more powerful than the alkaloid, and produced purging and vomiting. Mr. McNAB also referred to Mr. Gerrard's researches on the alkaloids of the common snowdrop; the actions of the alkaloids from the flowering bulbs, and from the bulbs after flowering corresponded to those obtained from the daffodil-bulbs.

The CHAIRMAN said he had had a similar experience in his family when daffodil-bulbs had been cooked in mistake for shallots. Mr. DUNCAN referred to a similar case at Perth, and Mr. HILL thought it was important to emphasise the possible danger and the need for care. Mr. MERSON inquired whether boiling would affect the virulence of the poison. Dr. WATT and Mr. LOTHIAN both related unusual experiences, and Mr. COWIE made the practical suggestion that the paper should be published in the gardening papers and made widely known. Mr. McNAB, in replying, said that in the case of young children the effects might be very serious. The boiling of the soup might have reduced the virulence of the poison as the effects were less severe than in the case of the stews. Mr. D. B. DOTT read the next paper on

METHYL ORANGE AS AN INDICATOR IN TITRATION OF ALKALOIDS.

He submitted the results of a number of experiments, which showed that tincture of cochineal is a better indicator for morphine and strychnine than is methyl orange, especially when the alkaloid is titrated direct with the acid. In the determination of alkaloids methyl orange does not

exhibit nearly so well-defined a change of colour as it does in titrating an alkaline carbonate. Cochineal does not indicate so sharply as it does with inorganic alkaline compounds, but the indication is more distinct than with methyl orange for the same alkaloids. It would be better to omit methyl orange and adhere to tinct. cocci as the indicator for alkaloidal titrations. Mr. DOTT also read a paper on the

DETERMINATION OF HYDROCYANIC ACID.

The old process for the determination of hydrocyanic acid was considered unsatisfactory for various reasons, and the process now official, titration with silver-nitrate solution after addition of excess of ammonia and a little iodide of potassium, is supposed to eliminate the errors to which the former method was liable. The results of comparative tests were given, from which it would appear (1) that the new method gives practically the same percentage as the old; (2) that the presence of chloride makes no appreciable difference; (3) that considerable excess of alkali causes only a slight error. There is little information regarding the volatility of hydrocyanic acid in its dilute aqueous solution at ordinary temperatures: 10 c.c. of above acid in a cylindrical measure of 12mm. internal diameter was exposed to the air at about 16° C. for two hours, and it was found that it had lost one-ninth of its strength under the conditions named.

Mr. LOTHIAN confirmed the opinion as to the excellence of cochineal as an indicator. He found that the best preparation was obtained by aqueous maceration of the entire insect. The ordinary tincture of the bruised insect was apt to show oiliness. Hydrocyanic-acid loss was less by titrating at a high dilution. Dr. WATT generally used methyl orange for alkaloidal titration. Its being insensitive to carbonic acid was an advantage. The solution to be titrated must be dead cold. It would be interesting to know the experience of Dr. Hallaway's iodine-titration method for hydrocyanic acid.

Mr. COWIE found cochineal to work well with ipecac. alkaloids. An improved tincture could be made by first removing the fatty matter by washing with ether. The new process for hydrocyanic acid was easier than the old. The silver salt was not a double salt but a chloride of the argento-cyanio radicle. Mr. HILL suggested the use of methyl red in preference to methyl orange, and Mr. DUNCAN said they had not yet discovered a good indicator for alkaloidal titrations. He did not think the processes for estimating hydrocyanic acid in the 1898 or 1914 B.P. were any improvement over that in the 1867 B.P. The addition of sodium chloride would increase the delicacy but not the reading. Mr. DOTT, in replying, said there was undoubtedly some idiosyncrasy in the faculty for seeing colours. His objection to methyl red was that it is sensitive to carbonic acid. He pointed out that in measuring the quantity of hydrocyanic acid required for a titration this should never be done by inhalation using a pipette, but by measuring out in a cylindrical measure.

Mr. J. RUTHERFORD HILL submitted the last communication, on

AN INCOMPATIBLE IODINE-AND-SALICYLATE MIXTURE.

The following prescription was recently submitted for an opinion as to its compatibility:

Tinct. iodi	...	...	...	3vj.
Liq. potassæ	...	...	...	3vj.
Ammon. carb.	...	...	...	5iij.
Sodii salicyl.	...	...	...	5ij.
Dec. sarsæ co. ad	...	...	...	3xxx.

The mixture presents an unusual accumulation of incompatibilities. Leaving out the decoction, if the tincture of iodine and solution of potash are mixed, free iodine immediately disappears, with formation of potassium iodide and iodate and also hypoiodite, which reacts with the alcohol to form iodoform and potassium formate and iodide. If the ammonium carbonate is dissolved and the solution of potash added there is immediate liberation of ammonia, and if the tincture of iodine is added a black precipitate of iodide of nitrogen is formed. Similarly a reaction takes place with the salicylate and iodine, iodoform being formed with a distinct phenolic odour. Mr. Hill then gave an interesting account of the chemistry of the latter series of reactions, proving beyond doubt that sodium salicylate and tincture of iodine are incompatible. The practitioner on being informed that the mixture was incompatible, said he knew all about that and intended his patient to have free iodine. It is certain that the mixture contains not a trace of free iodine, and what the patient actually swallows will vary according to the order of mixing, the time the mixture has been kept, and the temperature to which it has been exposed. Mr. LOTHIAN and Mr. COWIE discussed the paper.

Associations' Winter Session.

Other meetings are reported under Insurance Dispensing Reports.

Bournemouth.—A meeting of the Bournemouth Pharmaceutical Association was held on March 24, Mr. A. E. Lodder (President) in the chair. A vote of condolence was passed with Mrs. Spinney and family on the death of Mr. F. Spinney, who had been connected with pharmacy in Bournemouth for over sixty years. The action of the Committee in arranging for the pricing of prescriptions dispensed for the Christchurch Union by the Pharmaceutical Society was approved. The Association endorsed the resolution of the Cardiff Association to the Proprietary Articles Trade Association. Mr. J. H. Scampton (Hon. Secretary) was appointed delegate to the Local Associations Conference, and a resolution was passed for consideration by the Conference to the effect that the Pharmaceutical Society is not the proper body to deal with the regulation of the prices of proprietary articles, but that wider powers should be given to the Executive Committee in this direction.

Glasgow.—A meeting of the Glasgow and West of Scotland Chemists' Association was held at 165 Hill Street, Glasgow, on March 23, Mr. McMillan (President) in the chair. The meeting was an open one, and among the subjects discussed were "silent" members, the attitude of the Pharmaceutical Society to trade matters, National Health Insurance affairs, and military service. Time proved too short to discuss the Trade-marks Act, as had been intended. A great deal of interest was shown in the various subjects, and questions were asked and answered by representatives of the Society, the Pharmaceutical Committee, and the Checking Bureau.

Great Yarmouth.—The annual meeting of the Great Yarmouth Pharmaceutical Association was held on March 23, Mr. A. E. Richmond (President) was in the chair, and was appointed delegate to the Local Associations Conference. The Secretary read the report and presented the balance-sheet, which were approved. The election of officers took place as follows: *President*, Mr. H. Goddard; *Secretary*, Mr. J. S. Shearman; *Committee*, Messrs. Richmond, Poll, and Palmer; *Insurance Sub-Committee*, Messrs. Richmond, Palmer, and Shearman. Thanks were given to the retiring officers.

Grimsby.—The annual meeting of the Grimsby Pharmacists' Association was held on March 23, Mr. C. Dewing (President) in the chair. The annual report, which was adopted, referred to the change in the position of laudanum in the Poison Schedule, and urged that members should carry out strictly the legal requirements. It was decided to adopt a minimum price-list, which is to be revised monthly. The election of officers then took place, the only change being that Mr. H. W. Colley was elected President. The retiring President referred to the happy coincidence that Mr. Colley is also President of the Proprietary Articles Trade Association. Mr. Dewing afterwards invited the members to tea.

Ipswich.—A meeting of the Ipswich Chemists' Association was held on March 22, Mr. E. Clifton (President) in the chair. Mr. J. G. Atkinson, Ph.C., and Mr. McDonald attended by invitation to address the meeting on *The Work of the Proprietary Articles Trade Association*. Mr. Atkinson gave a short history of the movement for regulating the prices of proprietary articles, and claimed that success has attended the establishment of the Proprietary Articles Trade Association, although the number of members is not so great as it should be. The ideal of face-value, which had been referred to by the President, could not be realised at present, but the principle of a definite profit on sales is more important, and has been recognised. A short discussion followed and an adjournment was made to supper, which was a commemoration of the President's having completed fifty years in business in Ipswich. There were present: Mr. E. S. Clifton (President), Mr. Jackson (Vice-President), Mr. Atkinson (Norwood) and Mr. McDonald (representing the P.A.T.A.). Mr. Gall (Woodbridge), Mr. McVie Hill (Burroughs Wellcome & Co.), Mr. Weight (S. Maw, Son & Sons), and Messrs. Chard, Cornell, Edwards, E. Mateham, A. Mateham, Miller, Stones, Wiggins, and C. Smalley (Hon. Secretary). In the course of the speeches the President was congratulated on his jubilee in business, and then the discussion was resumed on the Proprietary Articles Trade Association. A resolution of support was passed, and the Association was urged to press for fixing face-values as the minimum retail price of proprietary articles. Mr. J. C. Wiggins was appointed Local Secretary of the P.A.T.A.

Lancaster.—The annual meeting of the Lancaster Pharmacists' Association was held on March 22, Mr. F. N. Whitehead (President) in the chair. The reports of the Secretary and Treasurer were received and adopted, and the officers re-elected for another year's service. Mr. P. F. Rowsell then gave an address on the work of the Proprietary Articles Trade Association, and he was followed by Mr. McMillan, who spoke on other aspects of the same subject. A general discussion ensued.

Liverpool.—An open meeting of the Liverpool Chemists' Association was held on March 22, Mr. W. P. Evans (President) in the chair. Messrs. W. F. Partridge and E. Partridge were elected members. The President then brought up the position of chemists under the Military Service Act. He understood that Mr. Uglov Woolcock and Major Robinson (War Office) are contemplating going round the country to get men of military age from the ranks of wholesale and retail pharmacy. Mr. L. M. Parry, who had just returned from Bloomsbury Square, also spoke on the same subject, and Mr. G. V. C. Last informed the members of the doings of the Joint Committee that is arranging to get chemists of military age exempted from service. Mr. G. Kennedy then opened a discussion on "National Health Insurance Matters." Reviewing the conditions upon which chemists have accepted service, he said chemists have agreed (1) to supply everything at cost price; (2) to accept a flat rate as an establishment-charge; and (3) to accept certain definite but very small fees for professional skill. Each of these points was considered in detail. It was pointed out that it is impossible to dispense in small quantities without waste, and yet prices are calculated on the pound price to the hundredth part of a penny. It is found, moreover, that some drugs cannot be obtained at the prices quoted in the Tariff. Chemists, on the other hand, do not always buy a pound of a drug because it is quoted at that rate in the drug-list, and higher rates have to be paid for smaller quantities. Dealing with appliances and surgical dressings, the speaker pointed out that the sale of odd lengths of elastic webbing and small amounts of gauze and cotton-wool involves absolute loss. If small packets are bought the wholesalers charge 9d. to 1s. a pound more. Plasters, too, show a good deal of waste. Dealing with the establishment-charge of 0.8d., he said that, calculated by the Commissioners' method, no increase can be expected. The dispensing-charges are actually reduced, compared with the old Tariff. "False conception of cost is the main cause of chemists' troubles" was the speaker's conclusion. A lively discussion followed, Mr. J. L. Hirst, Mr. J. G. Wallbridge, Mr. Martin S. Hughes, Mr. G. V. C. Last, Mr. Harold Lomax, Mr. W. H. Clubb, and Mr. L. Moreton Parry being among the speakers. Mr. Kennedy having replied, the following resolutions were then passed:

(1) That this representative meeting of Liverpool panel chemists suggests that cost-price of drugs be the actual cost, and not the apparent cost, as interpreted by the Commissioners. The Tariff to be quoted per ounce, or in ratio. That the "per-ounce price" be found by dividing the net pound price by twelve.

(2) That lint, gauzes, plasters, elastic web, bandages, etc., be listed in Tariff at list-price plus 33½ per cent., to allow for cutting up and waste.

The President then briefly addressed the meeting, thanking all those who had taken part in the discussion.

London (N.).—The March "Fireside Social" of the North London Pharmacists' Association was held at Mr. and Mrs. J. C. Carter's, 86 St. James's Road, Holloway. A whist-drive, at which the prize-winners were Mrs. Dobbin, Mrs. Mallard, Mr. A. R. Keith, and Mr. Herbert Skinner, was followed by refreshments and an entertainment, in which Mrs. Payne, Miss Marshall, Miss Brumwell, Mrs. Skinner, Messrs. Keith, Bromley, Brumwell, and Bowie participated.

London (S.E.).—A meeting of the South-East London Pharmacists' Association was held at Maitland House, Greenwich, on March 23, Mr. A. J. Wing (President) in the chair. Mr. John Keall gave an address on *The Work of the Proprietary Articles Trade Association*, and asked the members to back up the work which had been done for the benefit of the retail trade. He stated also that the Chemists' Defence Association is not supported as it should be. Mr. Feaver Clark followed with details of the work which the P.A.T.A. has accomplished. A discussion ensued, after which a resolution was passed asking those who are not already members to join the P.A.T.A. Mr. Tugwell then addressed the meeting regarding the *Pharmacists' Volunteer Training Corps*, and urged members to join the Corps. He said that Dr. Burnett, of Virol, Ltd., has offered to give the Corps a three-months' course on bacteriology, free of all charge. Mr. Happold, Mr. Morton, and the Secretary supported Mr. Tugwell's remarks, and three or four members present decided to join.

London (W.).—A meeting of the Western Pharmacists' Association was held on March 16, Mr. A. R. Melhuish (President) in the chair. Mr. Jenkin gave an address on *Trade Problems*, reviewing the trend of pharmacy for the past twenty years, and throwing light upon the professional as compared with the trade aspect of the calling. Messrs. Gulliver, Robins, Procter, Hall, Evans, Barrett, Alban, Atkin, and others took part in the discussion.

Monmouthshire.—A meeting of the Monmouthshire Pharmacists' Association was held at Newport on March 23, the President (Mr. W. Parry Williams) in the chair. The Military Service Act and the position of chemists under it was discussed. The Chairman and Secretary informed the meeting that they had interviewed the Chairman and Clerk of the Insurance Committee, with a view to getting pharmacists on the panel exempted. It was reported that the Insurance Committee has decided to support the claims of the five pharmacists in the county. The Committee refuse to support the claims of unqualified assistants. The question of the balances due to pharmacists since 1914 was also gone into, the Clerk giving his opinion that all the accounts would shortly be paid in full. Two delegates to the Local Associations Conference were appointed—viz., the Chairman and the Secretary (Mr. Thomas, of Cwmbran).

Nottingham.—A meeting of the Nottingham Pharmaceutical Association was held on March 22—Mr. C. E. Reynolds (President) in the chair—when Messrs. Eberlin and Beilby were appointed delegates to the Local Associations Conference to be held in London in May. A discussion took place regarding the sale of laudanum, and it was agreed to issue a circular calling the attention of members to the necessity of strictly complying with the law.

Shropshire.—A meeting of the Shropshire Pharmacists' Association was held on March 23, Mr. T. R. Sparrow (President) in the chair. Mr. A. Day (Boots, Ltd.) having retired from the Pharmaceutical Committee owing to his change of residence, Mr. McLean, his successor, was elected to fill the vacancy. Mr. Sparrow was appointed delegate to the Local Associations Conference in May. A Sub-Committee was formed, consisting of Messrs. Cross, Goulbourn, and Williams, to act with members of the Insurance Committee and the recruiting authorities in order to secure an efficient pharmaceutical service. A letter from the Local Associations Executive recommending certain candidates for election in May to the Pharmaceutical Council was read, but no order was made, as it was considered inopportune to have contested elections at the present crisis. The proceedings closed with the presentation by the President of a silver inkstand to the Treasurer (Mr. A. Williams) on the occasion of his marriage.

Southend-on-Sea.—A meeting of the Southend-on-Sea Pharmacists' Association was held on March 21, Mr. Sydney F. Body (President) in the chair. Attention was called to the suggested Joint Committee on the recruiting of chemists, and it was agreed to elect Messrs. Holloway, Shields, and King, with Mr. Cowe as Hon. Secretary, to represent chemists' interests. Mr. C. E. Goode gave useful information regarding the working of the Joint Committee, and also reviewed the position regarding the establishment-charge under the Drug Tariff. The President was elected a delegate to the Local Associations Conference. It was decided to support the candidature of Messrs. J. W. Deakin and H. Skinner for the Pharmaceutical Council election. The position of apothecaries' assistants was also considered, but no action was taken.

Staffordshire (N.).—A meeting of the North Staffordshire Chemists' Association was held on March 21, Mr. T. Charles (President) in the chair. A discussion took place regarding the establishment-charge for Insurance prescription-pricing. Mr. Edmund Jones considered that the 0.8d. should be raised to 1.5d. It was eventually arranged that the Secretary should supply panel chemists with particulars of the items of expenditure which are required to prove the case for a higher remuneration. On the suggestion of Mr. Cornwell, a protest was passed on pricing at cost. Mr. J. A. Dale was appointed delegate to the Local Associations Conference. A resolution was carried affirming the desirability of adopting a uniform retail price-list in the district.

Wolverhampton.—A meeting of the Wolverhampton Chemists' Association was held on March 22, Mr. E. H. Bowdler (President) in the chair. A letter of sympathy is to be sent to the widow of the late Mr. Hugh Fellows, and the meeting decided against admitting apothecaries' assistants to the Register of Chemists and Druggists.

York.—A meeting of the York Chemists' Association was held on March 23, when it was resolved to nominate Mr. F. G. Hines, York, for a seat on the Council of the Pharmaceutical Society, and to support his candidature in every possible manner.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

With special reference to the supply of medicines and appliances.

ENGLAND.

Bournemouth.—A meeting of the Insurance Committee was held on March 27, and among the subjects dealt with was that of proprietary medicines ordered in prescriptions. It was resolved that the doctors be informed that the point is one upon which they are best able to judge, due regard being paid to the question whether a less expensive form of medicine is available of equal therapeutic efficacy. Appointments were made to the Joint Committee on the recruiting of chemists.

Brighton.—The Insurance Committee was informed, on March 23, by Councillor Black that the Joint Committee appointed to deal with the question of chemists' recruiting has decided to apply for the exemption of seven chemists out of nineteen. The Commissioners have ruled that in the abnormal circumstances "Rep. mist." prescriptions may be written within certain limits. Councillor Yates (Chairman of the Pharmaceutical Committee) said he was disgusted with the action of the Commissioners. Considering that the chemists only signed agreements to come on the panel on the distinct understanding that there was to be no "Rep. mist." it would be only right to release them if they feel they cannot continue with the imposition of this bugbear.

Cheshire.—The Pharmaceutical Committee met on March 22 and approved a resolution forwarded for the agenda of the forthcoming Local Associations Conference on the matter of dispensing-fees and establishment-charges. A meeting of the county chemists is to be held at Crewe in May, when important matters connected with Insurance dispensing are to be considered. Delegates were appointed to confer with representatives of the Insurance Committee concerning the enlisting of panel chemists. The delegates are Mr. G. Wilde, Mr. Cummings, and Mr. Deakin.

Lancashire.—At a meeting of county chemists held at Preston on March 22, a presentation, consisting of a silver tea-and-coffee service, suitably inscribed, was made to Mr. Arthur Peake, chemists' representative on the Insurance Committee. Mr. J. Vince was in the chair, and he called upon Mr. J. Rymer Young to make the presentation. Mr. Young recalled the fact that he first met Mr. Peake as a boy in the old Owens College, Manchester, and had enjoyed his friendship ever since. He asked Mr. Peake to accept the gift as a token of the esteem and appreciation in which he is held by his colleagues, and he assured Mr. Peake that he is regarded as being a model representative. He trusted he may live long to enjoy the evening of life and the regard of his numerous friends. Mr. H. A. Watkinson (Farnworth) added his testimony to the esteem in which Mr. Peake is held. Mr. Peake, in reply, said the presentation was a pleasant surprise. He could never forget their kindness. It gave him great pleasure to feel that his work as their representative on the Insurance Committee had enabled him to safeguard the interests of pharmacy. He felt proud of Lancashire pharmacists because they have kept their escutcheon bright with regard to Insurance dispensing, and no charge of irregularity had been brought against any member of the panel. He also thanked Mr. Young for his remarks.—Mr. Peake was born at Lichfield, and apprenticed at Staleybridge, afterwards being with Mr. J. C. Young, father of Mr. J. Rymer Young, Warrington. He started business at Earlestown in 1874, and has since been much identified with public life and pharmaceutical representation. He has now practically retired from his business, which is managed by his son, Mr. A. P. Peake, Ph.C. Another son, Captain H. G. Peake, R.A.M.C., has been with the Forces in France for the past year.



MR. A. PEAKE, J.P.

Hertfordshire.—From a further report of the meeting of the Insurance Committee it appears that it was decided to allow Mr. A. J. Sheffield, chemist and druggist, to withdraw from the panel on March 31.

Huddersfield.—A meeting of the Insurance Committee was held on March 22, when the Clerk was authorised to advance 6d. per prescription on account to panel chemists on the number certified for February. It was agreed to hand over the priced prescriptions to any chemist who desires to check the work, upon an undertaking being given that they will be returned within twenty-one days. Members were appointed to serve on the Joint Committee on the recruiting of chemists.

Hull.—Mr. Lewenstein, Clerk to the Insurance Committee, appeared before the Military Tribunal to ask for a postponement of the consideration of the claims for exemption from chemists and their assistants. The request was granted.

Kent.—The Chairman and Vice-Chairman of the Insurance Committee have been authorised to appeal for exemption of chemists in cases where enlistment would cause panel patients a difficulty in getting their prescriptions made up.

Plymouth.—A meeting of the Joint Advisory Committee formed to take steps to maintain an efficient pharmaceutical service was held on March 22. The Committee is, according to the regulations, to be representative of the whole of the chemists in the area, although contrary views were expressed at the meeting. Four assistants out of fourteen were starred as being indispensable, and all the employers except one or two. An appointment with the Military Representative was arranged for March 29.

Salford.—The Pharmaceutical Service Sub-Committee reported to the Insurance Committee a complaint that a chemist sent out some creosote pills in a box that had contained an ointment. The chemist explained how the accident happened, and the Sub-Committee recommended that no action be taken in the matter. A clause was adopted as approved by the Commissioners granting an additional fee of 6d. for prescriptions marked "Urgent," and issued for dispensing between 9 p.m. and 9 a.m. on weekdays and on Sundays and Bank Holidays except between 7 p.m. and 9 p.m. In regard to the adoption of a Formulary approved by the Panel Committee, the Pharmaceutical Committee expressed the opinion that the amount of acid. hydrocy. dil. in the mist. tuss. e. morph. is dangerously excessive, and that, owing to the volatility of the acid, pharmacists cannot accept any responsibility for the amount contained in a stock-mixture.

Sheffield.—A meeting of the Pharmaceutical Committee was held on March 27, Mr. H. G. Williams in the chair. The Pharmaceutical Society asked that the priced prescriptions be forwarded to London for checking. The Commissioners wrote declaring Mr. J. T. Appleton's seat vacant, his absence from the meetings not being due to sickness. The thanks of the Committee were tendered to Mr. Appleton for the services he had rendered since the passing of the Insurance Act. It was decided to ask the Insurance Committee to deduct the administrative expenses from chemists' accounts in December each year. Messrs. H. G. Williams and H. Antcliffe, the delegates to the London Conference, were instructed to support a resolution urging that there should always be a pharmacist as a chief officer on the staff of each pricing bureau.

Surrey.—It was resolved at the meeting of the Insurance Committee on March 22 (see *C. & D.*, March 25, p. 47) that applications would be supported for the exemption from military service of thirty-three chemists out of a list of seventy-five, these being in the districts covered by twenty-four different Tribunals.

Wolverhampton.—The Pharmaceutical Committee, on March 22, appointed Mr. J. H. Coleman as delegate to the Local Associations Conference in London. The arrangements made with the Insurance Committee regarding pharmacists and military service were discussed.

Worcester.—The Insurance Committee discussed the question of the enlistment of panel chemists, but did not consider it necessary to support, before the Tribunal, any applications for exemption of chemists. The Chairman and the Clerk were appointed to confer with the chemists on the matter. The Worcestershire Insurance Committee on March 25 discussed the same subject.

Yarmouth.—The Insurance Committee approved the appointment of the Pharmaceutical Society as agents for the Pharmaceutical Committee in scrutinising priced prescriptions. The British Drug Houses' list was adopted as the net price-list for the purpose of the Drug Tariff.

SCOTLAND.

Edinburgh.—The question of the maintenance of an efficient pharmaceutical service was referred to at a meeting of the Insurance Committee on March 23. There had been some communications between Mr. Rutherford Hill, the Insurance Commissioners, and the Military Representative, and it had been agreed to await the report of a joint meeting of that Committee, the Pharmaceutical Committee, and representatives of the Commission. It has been decided to postpone the consideration of any case where a chemist is concerned until information is provided showing to what extent the Committee will be affected. Mr. Rutherford Hill had supplied statistics which show that the dispensing work is at present being done with a minimum staff. All who could be spared seem to have joined the Colours. There are fifty-four attested and twenty-five unattested chemists and dispensers remaining of military age. Questions were raised regarding the prescribing of "Canthos" blister and nepenthe, which are to be submitted to the Pricing Bureau. It was reported that the Bureau has completed the checking of the whole of the prescriptions for Scotland for 1915 and fifteen small areas for January 1916. In normal times it is expected that this work will be completed in February of each year. It was also reported that arrangements had been made by the Commissioners for the hearing of parties on the question of pricing of capsules and tablets as raised by Mr. Dawson, chemist. Payments to chemists for February, being 90 per cent. of sums due, amounted to 6207. 8s.

WALES.

Cardiff.—The Insurance Committee, at a meeting on March 24, received a deputation from the Pharmaceutical Committee regarding the surcharging of doctors in respect of prescriptions for 1913. The alleged excessive prescribing represented a sum of 8712., which, it is stated, is the cause of the deficit on the Drug Fund for that year. As no action can be taken until a resolution by the Insurance Committee on the matter is rescinded, Mr. Jabez Jones has given notice of motion to rescind the resolution.

Glamorgan.—At a meeting of the Insurance Committee on March 23, discussion took place on the enlistment of Insurance dispensers. The Chairman said that while panel chemists should have adequate help in dispensing, he did not think that every assistant should be exempt from service in the Army. He thought that if chemists or their assistants are called up the Insurance Committee could not possibly sue such chemists for breach of contract. After considerable discussion the matter was referred to a Sub-Committee. The Pharmaceutical Committee met in Cardiff on March 16. Mr. A. Griffiths in the chair. It was decided that the Chairman, Mr. I. E. Thomas, Aberaman, and Mr. T. D. Llewellyn, Ogmere Vale, be appointed to represent the Committee on the Joint Committee to consider the recruiting of chemists. The Chairman and Mr. G. I. Williams (Secretary) were elected as delegates to the Local Associations Conference, and instructions were given to bring forward the questions of the position of Glamorgan chemists in 1916, and the inadequacy of the dispensing-fees. A resolution of protest regarding the non-payment of the January drug-accounts was passed, and to this a reply has since been received that steps will be taken to pay the balances without delay.

Institute of Ophthalmic Opticians.

The annual meeting of the Institute of Ophthalmic Opticians was held at the Holborn Restaurant, London, W.C., on March 23, Mr. A. Upson (President) in the chair. In regard to the Army spectacle scheme, the President said the Government has acted without consulting the Spectacle-makers' Company or any other organised body of opticians. Mr. Dadd said the Government officially recognised a scheme set out by a private individual and then informed the Institute about it. Mr. Spiegelhalter said that opticians showed their patriotism by working for nothing, and he, for one, was willing to do this; but he did not see why opticians should be discriminated against in this manner. No other trade connected with munitions is working for nothing. As he understood the scheme the opticians are only to be employed as frame-fitters; sight-testing is to be done by a medical man. He thought a representation should be made to the War Office that the optical trade does not consider the scheme in any sense satisfactory. Mr. Boatman said that the scheme had been submitted to a large meeting of the trade, but it would have been much better if it had been submitted to each of the optical organisations. The matter was discussed at considerable length, but as it had not been placed on the agenda no resolution could be adopted.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. Retail buyers cannot, therefore, for these and other reasons, expect to purchase at the prices quoted here.

42 Cannon Street, E.C., March 30, 6.30 p.m.

BUSINESS is still on the quiet side, and consumers continue to buy sparingly in view of the quarterly stocktaking operations. Shipping difficulties with Holland appear to be particularly acute, but this is only temporary; a revival in trade with Russia is looked for next month, when the port of Archangel will be ice-free. Further advances have occurred in citric and tartaric acids, the scarcity being more pronounced than ever. Bromides are temporarily easier in second-hands, but makers' prices are firm. A substantial rise in British rectified spirit and in industrial and mineralised spirit has been agreed upon and will be officially announced on April 1. Cod-liver oil buyers continue to hold off, merely purchasing current wants. Hexamine is firmer.

Higher	Firmer	Easier	Lower
Cannabis indica	Anise oil, star	Bromides	Balsam peru
Caraway-seed	Calumba	(sec. hands)	(N.Y.)
Citric acid	Copper	Canary-seed	Linseed
Cumin-seed	sulphate	Cloves	Linseed oil
Formaldehyde	Coriander-seed	Pepper	
(spot)	Ginger	Sulphonal	
Iron sulphate	(African)		
Mustard seed	Hexamine		
Spirit, indust.	Palm oil (spot)		
and min.	Soy		
Tartaric acid			

The Drug-sales will be held next Thursday, April 6.

Cablegrams.

BERGEN, March 30.—The Lofoten cod-fishing is poor, and the market for finest non-congealing new medicinal oil is rising at about 550s. per barrel c.i.f. London.

NEW YORK, March 29.—Business in drugs is fair. Menthol is lower at \$3.15 per lb. Burdock-root is dearer at 25c., and Peru balsam is lower at \$4.25. Copaiba balsam has advanced to 70c., and belladonna leaves to \$1.75. Cartagena ipecacuanha is lower at \$2.75, and arnica-flowers have advanced to 75c. Opium and peppermint oil are unchanged.

ACETANILIDE is quoted at from 9s. to 9s. 6d. per lb.

ACETIC ACID.—Sellers of 80-per-cent. commercial in casks ask 155l., and for 70-per-cent. 135l. per ton.

ACETYSALICYLIC ACID is unchanged, with sales at 48s. 6d. per lb.

ALCOHOL.—The British distillers have decided to raise the price of rectified spirit from April 1, at which date many of the contracts expire. This advance is due to the growing requirements of the Government and the need for restricting the imports of grain so as to economise freight-room. An advance in industrial and mineralised spirit of 8d. per gal. has also been agreed upon as from April 1.

ALOES.—The exports from the Union of South Africa during December 1915 amounted to 121,782 lb. (9637l.), against 72,787 lb. (5757l.) for December 1914. During the twelve months ended December the exports were 643,939 lb. (4,7797l.), against 818,535 lb. (8,3227l.) in 1914.

AMMONIA SULPHATE.—London is steady at 16l. per ton net naked at works for 25-per-cent. ammonia for prompt delivery; Hull prompt (24-per-cent.) is 16l. 12s. 6d., Liverpool is 16l. 15s., and Leith is 16l. 17s. 6d. per ton, less 3½ per cent. in bags f.o.b.

ANISE OIL (STAR).—Spot holders now ask 3s. 4d. per lb. for "Red Ship," according to holder, and 3s. 3d. c.i.f. for February-March shipment.

ANISEED is firm at 55s. per cwt. for good Spanish.

BALSAMS.—Tolu has been more inquired for of late; spot value of good bright is 1s. 7½d. to 1s. 8d., and drossy 1s. 7d. Peru is 18s. on spot for genuine and 16s. 6d. c.i.f. for prompt shipment; spot is 18s. Copaiba firm and scarce at 3s. 2d. c.i.f. to arrive for Maracaibo.

BELLADONNA-ROOT.—Small sales of 0.5-per-cent. have been made on the spot at 5s. 9d. per lb. or 640s. per cwt. The recent arrival of 60 bales from India immediately went into consumption.

BENZOIC ACID ex toluol is very scarce at from 14s. to 14s. 6d. Soda benzoate ex toluol varies from 14s. to 15s.

BERGAMOT OIL.—Sicily, under date of March 18, reports a revival in demand, and some urgent local requirements against previous blank sales have led to a heavy advance. In London, from 13s. to 13s. 6d. is asked on spot.

BISMUTH CARBONATE is quoted at from 16s. to 16s. 5d.; subgallate, 15s. 6d. to 16s.

BUCHU.—The exports from the Union of South Africa during December 1915 amounted to 6,541 lb. (8317l.), against 6,618 lb. (9837l.) in December 1914; the exports for the twelve months were 157,061 lb. (23,7677l.), against 149,113 lb. (27,5587l.) in 1914, or 7,948 lb. more.

CALUMBA is firmer, holders asking 35s. to 37s. 6d. for good sorts.

CAMPHOR (REFINED).—Steady, but quiet. The spot price of Japanese 2½-lb. slabs is 1s. 8d.; to arrive the sales since last week include February-March and July-August shipment at 1s. 7½d. o.i.f.

CAMPHOR MONOBROM. is offered at 22s. 9d. net and upwards.

CANARY-SEED is slightly easier at 78s. to 82s. per quarter for fair-to-good Morocco.

CANNABIS INDICA.—Holders are now asking 8s. 6d. for genuine Bombay tops on the spot.

CARAWAY-SEED is dearer at 63s. to 65s. per cwt. for ordinary to good Dutch on the spot.

CASTOR OIL.—Hull make of first pressing for May-June delivery (e.m.q.) is quoted at 60l., and July-December (e.m.q.) at 58l. per ton f.o.r. Hull. Pharmaceutical quality is 47. 10s. per ton over the price of firsts in barrels.

CHAMOMILES are firm and tending dearer, good white French offering at 140s. on the spot.

CHILLIES.—Good bright clean Mombasa are obtainable at 145s. per cwt. on the spot. At auction in Liverpool 86 bags Sierra Leone sold at 132s. ex quay, and a further 47 bags sold at auction at 136s. 6d.

CINCHONA.—The Kina Bureau of Amsterdam announced on March 21 that the unit for the manufacturing bark tendered on February 19 has now been definitely fixed at 9.22c. per half-kilo. It will be remembered that the preliminary unit at the time of the tender was 9.56c.

CITRIC ACID has advanced 3d. per lb. to 3s. 9d., and rather buyers at the price.

CLOVES.—Quiet, and a trifle easier on the week, fair Zanzibar offering at 7½d.; for February-April shipment 7½d. c.i.f. is quoted, and June-August delivery 7½d.

COCAINE continues very scarce on spot, holders asking 29s. per oz., less 5 per cent., for hydrochloride and 26s. to come forward.

COD-LIVER OIL.—The extremely high prices asked from Norway keep large consumers out of the market, and only hand-to-mouth business is reported. Market is therefore quiet, quotations for finest new Lofoten oil ranging from 460s. to 480s. c.i.f., all without engagement. Our Bergen correspondent writes on March 20 that the improvement in the cod-fisheries is still rather slow. The official report published to-day gives the following total quantities for the whole of Norway:

	1913	1914	1915	1916
Catch of cod (millions) ...	17.5	35.2	30.5	19.5
Yield of c.l.o. (hect.) ...	12,500	28,200	28,000	24,200

The yield of oil is thus very satisfactory. The first reports from the Finmarken cod-fishing, which is about to begin, seem to promise a fair season in this important district. On the market the business is still very limited owing to small supplies of new oil and the reserve of buyers. See cable for latest price.

COPPER SULPHATE is firmer at 50l. per ton for March-April.

CORIANDER OIL appears to be unobtainable on spot; supplies in U.S.A. have also been almost cleared, and holders ask \$50 per lb., an advance of \$25 per lb.

CORIANDER-SEED is rather dearer at 18s. to 20s. per cwt. for common-to-good Morocco.

CREAM OF TARTAR is unchanged at 195s. for 98-per-cent. and 197s. for 99 to 100 per cent. powder.

CUBEBS.—Sales have been made at from 8l. to 8l. 5s. per cwt., and 8l. 10s. is asked for good blacks.

CUMIN-SEED is scarce and dearer, with small sales of rather dusty Morocco at 97s. 6d. per cwt.

EPSOM SALT.—Several tons have been sold at 14l. 10s. per ton for druggists' quality, but the value is nearer 16l. 10s. to 17l.

ERGOT.—Although fair stocks exist on spot, and the export is prohibited to all destinations except under permit, some

holders are asking higher prices. Sound Russian can be had at 2s. 3d. to 2s. 4d. and Spanish 2s. 6d. to 2s. 7d. Prices asked from Spain are from 2s. 6d. to 2s. 9d. f.o.b.

FENNEL-SEED is quoted 32s. 6d. per cwt. for good East Indian.

FENUGREEK-SEED is steady at 12s. 6d. per cwt. for fair Morocco.

FORMALDEHYDE has been selling at from 95s. to 100s. on the spot for 40-per-cent.

FORMIC ACID of 90-per-cent. strength is quoted at 105s. to 107s. per cwt.

GUAIACOL CARB.—Sellers to arrive ask 84s., but on spot 80s. may be shaded.

GUM ACACIA.—Holders of fair Sudan sorts ask 72s. 6d. to 75s. on the spot and 65s. c.i.f. for March-April shipment.

HENBANE-LEAVES are offered at from 3s. to 4s. per lb.

HEXAMINE is firmer and in fair demand, with sales up to 4s. 3d., but at the close 4s. 6d. is wanted.

HONEY.—The sales in Liverpool include 90 packages Jamaica at 40s. per cwt. ex store. Chilean is practically unobtainable in first-hands.

HYDROQUINONE.—Prices vary from 35s. to 37s. 3d. on the spot, and 36s. to arrive.

IRON SULPHATE is dearer and in very limited supply at 140s. per ton.

LEMON OIL is firm at from 3s. 8d. to 3s. 9d. per lb. c.i.f. according to shipper, the spot value being 3s. 9d. to 4s. A Sicilian advice, dated March 18, states that, although some of the consuming places seem to be more interested at present low figures, and the demand has been a little more active during the last fortnight, still prices do not seem to be affected, and the same position continues to prevail. One thing, however, which may have an influence when the pressings have completely ceased has to be noticed—viz., the more important producers are not disposed to sell at present values, but are increasing their storage accommodation to be able to keep all they produce. This, under present conditions, might have an influence when the weaker hands stop their pressings.

LIME-JUICE is offered at from 3s. to 3s. 3d. per gal., with a fair stock available on spot.

LIME OIL is dearer at from 10s. to 10s. 6d. per lb. for West Indian distilled.

LINSEED is lower at 75s. per quarter for uncleaned River Plate and 90s. for good Morocco.

LIQUORICE-ROOT.—Common natural is quoted at 50s. on the spot.

LITHIA CARBONATE is quoted at from 4s. 6d. to 4s. 9d.

LYCOPodium is scarce on spot at from 11s. 6d. to 12s.; to arrive 9s. 3d. is quoted.

MENTHOL.—Quiet, with sales of Kobavashi-Suzuki for February-March shipment at 12s. 3d. to 12s. 4½d. c.i.f., or combined with oil at 16s. 3d. to 16s. 4½d. c.i.f. The spot price is 13s. 6d., which has been paid.

METOL to arrive is offered at 90s. to 100s. per lb., according to seller.

METHYLATED SPIRIT.—The British methylators on April 1 will advance their prices by 8d. per gal., making the basis price for industrial 64 o.p. 4s. 8d. per gal. naked.

MILK-SUGAR.—A fair quantity of American has been sold at 95s. per cwt. on the spot. Shipments from Holland have been temporarily held up.

MINT OIL.—Towards the close of last week a fair business was done on spot in Kobavashi-Suzuki at 4s. 5½d. and March-April at 4s. 1½d. c.i.f., which figures have been repeated this week.

MUSTARD-SEED is dearer, 75s. per cwt. being asked for good English.

NAPHTHALINE.—White flake has been sold at 42s. and balls at up to 50s. per cwt.

OIL, ORANGE.—A good business has lately been done at 7s. 6d. in Italian sweet on spot; to arrive 8s. 6d. c.i.f. is quoted. Sicily, under date of March 18, notes a firm market, sellers taking advantage of every slight increase in demand to ask higher prices.

OILS (FIXED).—Linseed is 2s. per cwt. lower at 38s. in pipes and 39s. in barrels on the spot; April, 40s. Cottonseed is steady at 43s. 6d. for crude in pipes, 48s. 6d. for refined in pipes, and at from 52s. to 53s. for sweet refined in barrels—all on spot. Ceylon Coconut is firm at 61s. in hogsheads and 59s. in pipes, both on spot; Cochin is 60s. to 62s. on spot, and London pressed is 52s. 9d. Ordinary brown crude naked Rape is scarce and nominal; British refined in barrels is 55s. to 56s.; Japan in cases is 46s. c.i.f. afloat. Soya oil is 37s. 9d. for Manchurian in cases afloat, and 37s. 3d. for March-April; Hull (spot) extracted is easier at 41s., and crushed 41s. 6d. Lagos Palm is firmer at 49s. spot, and in Liverpool 42s. 6d. is nominally quoted. Chinese Wood is firm to arrive at 51s. 6d. to 52s. 6d. per cwt. c.i.f.; on the spot 50s. 6d. is quoted. Groundnut oil is offered at from 45s. to 50s. per cwt. on the spot;

Stearine, 80s. to 90s. per cwt.; Lard oil, 65s. to 72s. 6d. per cwt.; Seal oil, 39l. to 47l.; Whale, 29l. to 45l.; bright Spermaceti, 50l. to 54l.; Cod, 39l. to 42l.; Olive, 53l. to 59l.—all per tun.—Neatsfoot, 3s. 6d. to 4s. 10d. per gal.

PARALDEHYDE.—To arrive is offered at 12s. 6d. c.i.f.; spot parcels are also obtainable at 12s. 6d. for case-lots.

PHENACETIN continues scarce at from 67s. 6d. to 69s. per lb.

POTASH IODIDE.—Makers quote 15s., less 5 per cent.; some second-hand holders ask 15s. 6d. to 15s. 9d. Resublimed Iodine, 17s. per lb. net from second-hands, makers quoting 17s. 3d. net.

POTASH SULPHOGUAIACOL.—To arrive 79s. is quoted, spot prices being from 84s. upwards.

QUICKSILVER is steady at 6l. 12s. 6d. per bottle.

QUILLARIA.—Slow at 37l. per ton in Liverpool; fair arrivals are taking place.

SALICYLATES.—With a growing number of English makers, it is anticipated that the output in this country will show a fair increase in production this year, after the initial difficulties, which are many, have been overcome. The aggregate production, however, during the course of the year is only likely to supply a fraction of the large requirements which will have to be filled for export to the Allies and our Colonies. Meanwhile these demands can only be partly filled, and it is the chief concern of the authorities to see that our stocks are not unduly depleted. This they do by only granting export-permits for relatively small quantities. For these reasons the market undertone is firm and the occasional cheap offers from second-hand holders do not affect the general situation.

SALOL.—Spot values are from 46s. to 48s. on spot.

SHELLAC.—Quiet but steady, with TN on spot offering at 95s., good 94s. to 95s., and fine 107s. 6d.; fine Orange is 120s. to 125s., AC Garnet 89s. to 90s., and GAL 84s.; to arrive fine Orange has been sold at 110s. to 115s. c.i.f. Futures are about steady, the sales including May at 95s. 6d. to 94s.

SODA HYPOSULPHITE is quoted at 17l. 10s. per ton ex wharf London for pea crystals in kegs.

SODA NITRATE is very firm at 17l. 10s. to 18l. per ton net for ordinary to refined, ex store Liverpool; London prices are 17l. 5s. to 17l. 10s. respectively.

SOY.—For Sculoong brand 2s. 6d. per gal., duty paid, is asked.

SULPHONAL has been sold at 44s. per lb.

TARTARIC ACID has advanced to 3s. 8d. per lb. in second-hands, and very difficult to buy, in spite of the recent good arrivals, which appear to go direct into consumption. The export inquiry is good.

TERPENE HYDRATE.—Sales have been made at 2s. 6d.

TERPINEOL.—Sellers ask 4s. per lb.

TURPENTINE has been active at fluctuating prices, but about 3s. dearer on the week, closing at 50s. 9d. for American on spot. French is quoted 48s., Russian ordinary and rectified 43s. 6d.

VALERIAN.—A few tons have arrived from Belgium; the spot value is about 110s. per cwt.

VANILLA is in fair supply on spot, and the recent arrivals are of very fine quality, obtainable at cheaper prices.

WAX (BEES').—Sales of Niger have been made in Liverpool at 6l. 17s. 6d. per cwt.

Linseed Oil.

There has been a drastic change of sentiment in this product just lately, entirely due to the influence of the developments in the war situation and the nervousness noticeable in the attitude of Turkey. Everybody having been inclined to sell on an unwilling market, prices tumbled badly to the extent of about 5l. to 6l. a ton, and for the time being the position remains very unsettled both as regards seed and oil. The downward turn in freights and the very liberal shipments of seed from India and the River Plate naturally assisted the depression. A further fall in freights would, of course, have an important bearing on prices, which are still pretty high; prospective domestic requirements are uncertain. The outlook for oil for ordinary industrial purposes in this country has apparently fallen off to an appreciable extent, especially in connection with the linoleum-manufacture, which usually absorbs heavy quantities. The fact is worth noting that the exports have fallen off considerably for some time past, as may be gathered from the official returns, and this obviously means a much lighter demand for linseed oil. Given a better supply of freight-space, the seed-shipments from the two chief exporting countries will probably be larger than had been anticipated some time back. Recent reports are to the effect that the acreage in India and also in the United States is likely to show a good increase against the previous season. The North American markets have been distinctly weaker, and crushers are for the time being reluctant to add to their stocks of seed.

Arrivals of Chemicals, Drugs, etc.

The following is a selection of arrivals during the period March 22 to 28 inclusive in the English ports named. Goods in transit are not included. The figures refer to the packages—e.g., cases, bags, barrels, boxes, kegs, etc. The weights, when known, are specified:

To London.		Menthol and oil 440		Iodine 200	
Agar-agar 115 bls.		Milk-powder 156 dms.		Ipecac. (Rio) 10	
Albumen 141		150 brls.		Kola (W.C. Af.) 56	
Alcohol grain 100,		Nut oil 857 cks. 1,000		Linseed 13,289	
wood 340 dms.		Nux vom. 400		Liquorice-juice 113	
Aloes (N.Y.) 50 cs.,		Olibanum 184		Magnesite ore (E.I.)	
(Cape) 25		Olive oil (Sp.) 210		1,350 t.	
Anise oil, star 110		brls., (It.) 20 cs.		Nut oil (Fr.) 240	
Apricot-kern. 176		Opium (B'bay) 72		cks.	
Areca 51		Palma-rosa oil 12		Olive oil (Fr.) 132,	
Argol (Sp.) 96,		pots		(Sp.) 9	
(Cape) 260		Papain 19 cs.		Palma-kern. (Fr.) 107,	
Arsenic 23 cks.		Pepper (S'pore) 2,046		(W.C. Af.) 37,012	
Barytes sulph. (Sp.)		Perfumery (Fr.) 138		Palm oil 509	
1,500		pkgs. 214 obys.,		Pepper (S'pore) 402	
Benzoic ac. (Fr.) 5		(Amst.) 9 pkgs. 20		Perfumery (Fr.) 167	
Bismuth ore 113		chys.		Pot. iodid. (Jap.) 30	
Bromides (N.Y.) 340		Pot. bicarb. (Jap.)		Quillaia 636	
cs.		10 cs.		Roots (Ch.) 334 bls.,	
Calc. chlor. 79 dms.		Potash salts (Sw.) 17		(S'pore) 107 bls.	
Camphor, cr. and		Quinine 57 cs.		Saltpetre 953	
ref. 2,522 cs.		Rape oil 4,500 cs.		Shellac 3,050	
Camphor oil 15		Roots, barks, herbs,		Soda pruss. (Fr.) 15	
Cantharides (Ch.) 10		etc. (Fr.) 60		Soya beans 400	
Carbon black 700		Saccharin (Fr.) 5 cs.		Turpentine (U.S.A.)	
Cardamoms 285		Saffron (Sp.) 1 cs.		500	
Cashew-nuts 136		Sal acetos 80 kgs.		Wax, bees' (Santos)	
Cassia 1,630		Saltpetre 356		22 cs., (Rio) 22	
Cassia-buds 200		Sandalwood 709		bgs., (E.I.) 28 cs.	
Castor oil (E.I.) 600		Senna (Alex.) 19		Wax, carnauba 36	
Chaulmoogra oil 3		Shellac 200		Whale oil 11,875 bls.	
Chemicals, med.,		Soda bisulph. (N.Y.)		1,732 cs. 367 tons	
perf., etc. (N.Y.)		100			
680, (H.-Kong) 19		Soda caustic (Sw.) 80			
Chillies (Jap.) 34		Sodium met. (It.)			
Cinchona 18 cs.		100 cs.			
Cinnamon 1,322		Soya oil 5,280 cs.			
Cocoa-butter 592		Sperm oil 250 dms.			
Cocunut oil 333 pps.		Spices (W.I.) 382			
300 cks. 70 brls. 63		Sticklac 176 cs.			
pns. 116 hds.		Tartar (Sp.) 426,			
Cod oil (Norw.) 100		(Fr.) 227			
Copra 10,194		Tartaria ac. (It.) 410			
Cream of tartar 21		brls.			
Dental cream (N.Y.)		Turmeric 260			
304 cs.		Wax, bees' (E.I.) 64,			
Drugs (U.S.A.) 15		(Alex.) 64			
pkgs., (Fr.) 6 cs.,		Wax, veget. 375			
(A'dria) 80 cs.,					
(Jap.) 10					
Egg-yolk (Ch.) 2,064					
Elemi 83 cs.					
Essent. oils (It.) 316					
Farina 1,110					
Fish oils (Jap.) 3,500					
cs.					
Galls (Ch.) 550					
Gelatin 105					
Gentian (Fr.) 11					
Ginger (E.I.) 750,					
(Jap.) 100					
Glucose 180					
G. aenea (E.I.) 282					
G. chicle 20					
G. copal 675					
Gums, undescrib.					
(B'deau) 335					
Indigo (E.I.) 6					
Kola (W.I.) 15					
Lemon-juice, raw 35					
pps.					
Lime-juice 118 cks.					
6 pns.					
Linseed (E.I.) 7,103,					
(R. Plate) 15,150					
Liquorice-root (Sp.) 9					
Medicines (U.S.A.)					
51 cs.					

To Bristol.—Benzene (S'pore) 3,270 tons; calcium carbide 2,050 tons; cream of tartar (Fr.) 22 cks.; glucose (N.Y.) 480; turpentine (U.S.A.) 2,000 brls. To Folkestone.—Drugs (Fr.) 10; perfumery (Fr.) 159 pkgs. To Grimsby.—Ammon. nit. 51; aniline colours (Fr.) 1,359 pkgs.; chem. prod. (Fr.) 10 brls.; naphthol (Fr.) 34 cs.; soda nitrite 82; tannic acid (Fr.) 13. To Preston.—Calcium carbide 8,360 dms.

RAW MATERIALS FOR SWITZERLAND.—A Society has been founded under the name of Einfuhr-syndikat für Apothekervaren, Drogen und Seifen in Zofingen for the purpose of facilitating as much as possible the importation of raw material and products on behalf of the members. Manufacturers of and dealers in chemicals, drugs, and pharmaceutical preparations are eligible for membership. Each member must, however, take a share of 2,000f. The President is P. A. Siegfried, Zofingen, and other members of the board are R. Doetsch-Benziger (Basle), Dr. P. Bohny (Basle), and A. Uhlmann (Geneva).

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

AN ADDITIONAL BANK HOLIDAY.

Saturday, April 22, has been appointed by the Government an additional Bank Holiday.

IMPERIAL INSTITUTE.

Mr. Bonar Law has introduced a Bill in the House of Commons to provide for transferring the management of the Imperial Institute from the Board of Trade to the Colonial Office.

REGISTRATION OF FIRMS BILL.

The fate of the Registration of Firms Bill, the second reading of which was recently passed in the House of Lords, is still uncertain. Lord Crewe, on that occasion, said he was unable to guarantee that the Bill would be passed by the Commons, and the Government has since stated that, as the Bill is controversial, no facilities can be afforded it.

EXCESS-PROFITS APPEALS.

Our Parliamentary correspondent learns that the machinery in connection with the Court of References before which the appeals under the excess-profits provision of the Finance Act are to be heard is now complete. Several preliminary meetings have already been held, and it is expected that certain test cases will be heard, the decisions in which will govern a large number of appeals relating to mining, insurance, and other matters.

DRUG REQUIREMENTS IN MESOPOTAMIA.

Mr. Tennant informed Sir J. Jardine, on March 29, that all resources at the disposal of the War Office, both as to personnel and stores, have been offered to the Commander-in-Chief in India. The hon. member asked whether steps would be taken to secure, in addition to medical and surgical requirements for the case of wounds, such drugs and appliances as have been proved useful in cases of plague, cholera, malarial fever, sunstroke, Guinea worm, and other diseases.

DRUGS FOR VENEREAL DISEASES.

Mr. King asked the President of the Local Government Board on March 29 whether it is the intention of the Board to use their power under the Public Health Acts to supply drugs used in connection with venereal diseases free to medical practitioners, as recommended in the Report of the Royal Commission on Venereal Diseases.

Mr. Hayes Fisher replied that his right hon. friend could say nothing more than that the Report of the Royal Commission is at present under the consideration of the Departments concerned.

EMPLOYERS' OBLIGATIONS.

Mr. Glyn-Jones asked Mr. Tennant on March 23 whether the Government has power under the Defence of the Realm Act or other Act to require that employers shall ascertain whether those they employ are *prima facie* liable to military service under the Military Service Act, and, if so, whether they have been exempted from immediate service with the Colours; and whether, if the Government possess such powers, they will enforce them with a view to enabling the authorities to trace those who are avoiding their legal obligations?

Mr. Tennant: I do not think that there is any such power under the Defence of the Realm Regulations as they stand, but I am not sure that the Defence of the Realm Acts preclude such a power being taken.

THE SANATOGEN CO.

Sir Clement Kinloch-Cooke, on March 30, asked the President of the Board of Trade whether he will explain to the House the conditions under which the Government are permitting the Sanatogen Co. to trade in this country; whether sanatogen is regarded as a national necessity; and, if not, in view of the increasing cost of milk, and seeing that in the district where the sanatogen factory is situated there is a demand for milk owing to the increased influx of population engaged in munitions and dockyard work, and that milk is used largely for the manufacture of sanatogen, he will consider the advisability of winding up this company and so free quantities of milk for consumption purposes.

Mr. Runciman stated that the business of the company is being carried on in this country under a supervisor. The Advisory Committee appointed by the Board of Trade under the Trading with the Enemy Act has already had the case under consideration. Inquiries are being made in regard to the other points referred to in the question.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1916, p. 365.

(From the "Trade-marks Journal," March 8, 1916.)

- "RAYDOL"; for a dentifrice (48). By W. Harrison, 49 Whitehall Road, Thornton Heath. 371,358.
 "LE TRESORE"; for powder-puffs and powder (48). By the Peace Pillow Co., 17 Manchester Avenue, London, E.C. 371,429.

(From the "Trade-marks Journal," March 15, 1916.)

- "FERRIVINE"; for a medicinal injection (3). By The British Drug Houses, Ltd., 22-30 Graham Street, City Road, London, N. 371,090.
 "JUBOLITOIRE"; for a pharmaceutical preparation (3). By L. Graux, 33 Avenue Kléber, Paris. 371,321. (Associated.)
 "YAKCAM"; for medicines (3). By McKay & Son, 40 Ship Street, Brighton. 371,402.
 "URACE"; for medicinal chemicals (3). By F. E. Powell, 18 The Crescent, Chiswick, London, W. 371,497.
 "TOLAMINE"; for medicinal chemicals (3). By H. S. Wellcome, Snow Hill Buildings, London, E.C. 371,601.
 "SHUN"; for goods (47), perfumery, etc. (48), and a cleansing-compound (50). By C. H. Parsons & Bros., Ltd., Ashby de la Zouch. 371,365/6/7.
 "LOXOL"; for goods (48). By A. Powell, 6 Rosebery Road, Clapham Park, S.W. 368,635.
 "JEZELEN"; for a pomade (48). By Jessie G. D. Mouat, Little Kendals, Elstree. 370,173.
 "FERMEINE"; for perfumery, etc. (48). By Frank, Ltd., 3 Piccadilly Circus, London, W. 371,182.

(From the "Trade-marks Journal," March 22, 1916.)

- "MYRTLE"; for a corn-remedy, etc. (3). By C. J. Coley, 6 Rose Hill, Brighton. 370,882.
 "ESSPAR"; for medicinal chemicals (3). By S. S. Parkes & Son, 33 Halesowen Road, Old Hill, near Dudley. 371,271.
 "VICAPS, THE CAPSULES OF LIFE"; for a medicine (3). By S. Matthews & Co., Ltd., 19-21 Farringdon Street, London, E.C. 371,432.
 "GWINORA"; for medicated wines (3). By Owen & George, 7 and 8 Albert Street, Merthyr Tydvil. 371,480.

Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be sent to the Editor by Wednesday of the week before the meetings, etc., occur.

Sunday, April 2.

Liverpool Pharmacists' Training Corps. Parade with 2nd Battalion L.V.R.

Pharmacists' Volunteer Training Corps, Millbank Schools, Erasmus Street, Westminster, London, S.W., at 10 A.M. Parade and march to Headquarters (12 Bloomsbury Square). At 12 noon recruiting meeting, to which all pharmacists in the Metropolitan area are invited.

Monday, April 3.

Society of Chemical Industry, London Section, Burlington House, Piccadilly, W., at 8 P.M. Ordinary meeting.

Liverpool Pharmacists' Training Corps, Royal Institution, Colquitt Street, at 9 P.M. Parade, squad drill, and ambulance practice.

Tuesday, April 4.

Röntgen Society, Institution of Electrical Engineers, Victoria Embankment, London, W.C., at 8.15 P.M. Ordinary meeting.

Wednesday, April 5.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 4.30 P.M. Mr. A. S. Jennings on "Painting by Dipping, Spraying, and other Mechanical Means."

Pharmaceutical Society of Great Britain, 16 Bloomsbury Square, London, W.C., at 11 A.M. Council-meeting.

Pharmacists' Volunteer Training Corps, 17 Bloomsbury Square, London, W.C., at 2.50 P.M. Bacteriology class by Dr. Burnet. These classes will be repeated on Thursday.

Thursday, April 6.

Chemical Society, Burlington House, Piccadilly, London, W., at 8 P.M. The following papers will be communicated: "A Space Formula for Benzene. Part II," by Dr. J. N. Collie; "A New Form of Distilling-flask together with a note on Benzyl Benzoate," by the Earl of Berkeley; and "3-Phenanthrolyl-4-Aldehyde," by Mr. J. W. Smith.

North London Pharmacists' Association, St. Paderns, Salterton Road, Seven Sisters Road, Holloway, N., at 3 P.M. Mr. C. W. Brumwell on "Bookkeeping."



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Hydrocyanic Acid.

SIR,—It has not been sufficiently noted that ordinary caustic soda always contains chloride; even the "pure by alcohol" preparation usually contains considerable traces. It results that a little chloride must generally have been present in determinations of hydrocyanic acid, as one would not think of preparing from sodium for such a purpose. In a recent discussion Mr. Cowie considered it incorrect to describe $\text{AgNa}(\text{CN})_2$ as a double salt. It is so named in Roscoe's book (1886). In Dr. Cohen's handbook (1908) the salt is described as a double cyanide. A double cyanido is presumably a double salt. Yours, etc.,

Edinburgh. D. B. DOTT.

Pharmaceutical Council Election.

SIR,—The letter from "East Kent" in the C. & D., March 25, p. 51, so precisely hits off my reason for accepting nomination that I hasten to acknowledge my indebtedness to him. At the last Local Associations Conference a resolution from York was carried declaring for direct representation. Further resolutions have been submitted this year, advocating federation of Local Associations and direct representation both in respect to the Council and the Executive Committee of the Conference. But it will be a long lanc on these lines. Hence the decision of the York Pharmacists' Association to put forward a candidate for the Council pledged to the organisation issue. Will "East Kent" help? We are raising an imperative matter of principle. York wants to see that exclusive bureaucracy battered out of existence. Yours faithfully,

York. FRANK G. HINES.

The Local Associations Conference.

SIR,—The fourth Conference of Association Delegates will be held in May, and so far as can be ascertained practically nothing has taken place since the last Conference to direct, assist, or secure uniformity of action or a co-ordinated policy on the part of the several Associations. It is now common knowledge that negotiations based upon the 0.8d. establishment-charge will very likely break down through failure to disprove the Peat figure. Circumstances have enforced a truce, and intelligent men cannot fail to admit that for the duration of the war there is little chance of increased remuneration being obtained for Insurance dispensing. This fact, however, merely emphasises the necessity for establishing an organisation for the future, so that the future policy of panel chemists may be ready when peaceful conditions return. Any earnest inquirer into the politics of pharmacy is forcibly met by the uncompromising obstinacy of the Pharmaceutical Society upon its existing scheme of organisation. The Society contends that its resources and machinery are all-embracing, and active hostility is shown to any attempt or suggestion that the affairs of pharmacy should be "departmentalised," or that the separate and distinct interests on the one hand of panel chemists and, on the other, trade chemists should be isolated. In effect, the Society's methods suggest that it is equitable to take a profit from the payments made by Pharmaceutical Committees for the work of the Central Checking Bureau in order to secure a substantial fund which may be applied to further the interests of the non-panel chemist who contributes nothing directly to that end. Injustice equally arises through the disposition of the Pharmaceutical Society indefinitely to continue expenditures on behalf of Insurance interests out of the Society's funds, a large proportion of which arises out of the guineas of non-panel chemists. If every chemist were a panel chemist something might be said for the equity of these methods, but it has now become obvious that the interests of panel chemists are peculiar and have little financially in common with those of non-panel chemists. Presently the cry will go up, "Panel chemists' money for panel chemists," and the day is not far distant when a self-governing body must arise having control of finance, negotiations, and interests of panel chemists exclusively, and with machinery operating in the most efficient and economical manner; being capable in any emergency of offensive or defensive action. This organisation should secure its inception by a loose connection with

the Pharmaceutical Society, and then, by reason of inevitable conflicts with the Commissioners, undergo excision and establish its existence as a separate entity. It is then that a healthier and more robust organisation will develop, proving a worthy offspring of the Society and moving collaterally and progressively with the parent body in the best and highest interests of pharmacy. If the Local Associations Conference is to become a success in the broadest sense of the word, it will be rendered possible by a demand on the part of every delegate representing the panel interest for the institution of a definite organisation for panel chemists, having for its object the protection and promotion of their particular interests. I should like all Associations to consider the following resolution standing in the name of the Southend-on-Sea Association of Pharmacists:

That, having regard to the special and separate interests of panel chemists as distinct from non-panel chemists, it is desirable and necessary that a Federation of Pharmaceutical Committees should be effected for the purpose of forming a union of panel chemists, and that a Committee be appointed to consider and report as to the form in which such union should be established. Delegates should be instructed as to the attitude they are to adopt towards this movement.—Yours truly,
Southend-on-Sea. SYDNEY F. BODY.

Belfast Trade-prices.

SIR,—At a meeting of the drug-trade in Belfast it was suggested (apart from the early-closing movement) to raise the prices of drugs—viz., tinctures sold now at 4d. per oz. should be advanced to 6d. per oz., and powders, such as boracic acid, should be put up to 2d. or 3d. per oz. My experience is that the pharmaceutical chemists as a body keep up the prices better than the druggists, and I suggest that a Committee be formed of the druggists to make out a list and send it round, say, every month to the trade, so as to get some sort of uniformity in the trade prices. As it is now, the majority of traders here do not know what to sell drugs at. As an example of this, a few weeks ago a lady came into my shop and was quoted 3s. 6d. per oz. for potassium bromide. She refused to pay the price, and went down to my next neighbour and bought at 2s. 6d. Another example: One house sells a 2-oz. bottle of castor oil at 2½d., another at 4½d.; the result is the public begin to look on some traders with a certain amount of suspicion. It remains with the traders to form a Committee and get a temporary Secretary to make a start and do something now—war-time is a good excuse—to emancipate us from our slavery prices, so that we shall at the end of the year be able to reckon on a modest 300l. a year.

Truly yours,

ADVANCEMENT. (28/18.)

Insurance Tariff Prices.

SIR,—You say that you "do not think that in any case the 'allowed' prices are lower than cost, as that would be illegal probably." Potass. bromid. is allowed for at less than 1s. 11½d. per oz. (480 gr.), and yet it is listed at 2s. 2d. per oz. (437½ gr.), a fraction over 2s. 4½d. per oz. (480 gr.). Hence a small retailer buying his pot. brom. at ounce rate loses over 5d. on every ounce. The wholesaler does not recognise the principle that the ounce rate is the same as the pound rate. It is only we poor retailers who are advised or compelled to go thirty times further to recognise such a fallacious and illegal principle as that the grain rate is the same as the pound rate.

G. F. E. (173/47.)

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Restrictions on the Sale of Glycerin.

Otor (91/79) writes: "The C. & D. is again first in the field regarding the coming restrictions on the supply of glycerin. I note you mention certain oils as substitutes for glycerin for toilet-purposes, but what about cold-cream? During the week I have introduced this old-fashioned unguent to customers to whom I could not supply glycerin, and they have gone away contented. If complaint is made of the greasy character of cold-cream I tell them to use it in only small quantity at a time. In my cough-mixture I have taken the hint, and am using golden syrup in place of glycerin for the period of the war."

Legal Queries.

Emilase (173/20).—"BLOOD-PURIFIER" is a dutiable title under the Medicine-stamp Acts. See C. & D. Diary, 1916, p. 48.

J. W. (171/46).—The restriction of hours for the sale of wines under Liquor Traffic Control Orders applies equally to chemists' shops where are sold medicated wines that require a licence.

F. J. W. (171/23).—VERONAL is a registered trade-mark belonging to the German companies Farbenfabriken vormals Friedrich Bayer & Co. and the Bayer Co., Ltd. No one has yet moved to have the mark avoided. See C. & D., May 15, 1915, p. 48.

E. B. (170/23).—The restrictions on the sale of intoxicating liquors do not apply to quinine-wine or Wincarnis with quinine, as these do not require a licence for their sale, on the ground that they are so medicated as not to be suitable for use as beverages.

J. T. K. (169/35).—POISON-LICENCES.—These are granted under the Poisons and Pharmacy Act, 1908. We printed the regulations made under the Act in THE CHEMIST AND DRUGGIST, February 20, 1909, p. 295, and THE Chemist and Druggist Diary, 1910

Miscellaneous Inquiries.

W. R. (166/29).—MERCURY SUCCINIMIDE is used in the treatment of syphilis by hypodermic injection. The dose is from one-fifth to one-third of a grain in aqueous solution.

T. J. D. (173/22).—CINEMATOGRAPH-THEATRE PERFUME.—The formulae we have published relate to a perfume used as a spray. The one you refer to as being volatilised by heating electrically a block of porous material upon which the perfume has been placed would appear to contain volatile ingredients, such as are found in benzoin, Peru balsam, and myrrh.

M. J. (40/19).—EGG-POWDER.—The following is a representative formula:

Tartaric acid	...	...	3viij.
Cream of tartar	...	...	3xiv.
Sodium bicarbonate	...	...	lb. ij.
Rice-flour	...	...	lb. iij.

Mix, and tint with liquid extract of saffron.

In regard to your second question, as to how far egg-powders can be regarded as a substitute for eggs, you may take it that they are only employed in place of eggs in cookery, but are not in any sense an alternative nutrient to eggs. Some modern powders employ casein as the basis, but the quantity used in cooking is hardly enough to equal the nutrition of an egg.

L. S. (170/24).—The "Journal of Chemical Technology," to which reference was made in the C. & D., March 11, p. 70, is published by the Institution of Chemical Technologists, 30 Victoria Street, Westminster, London, S.W., at 4s. a copy.

S. G. H. (39/80).—GLYCERIN IN TOILET-PREPARATIONS.—We made some suggestions last week (p. 43) as to substitutes for glycerin in the toilet, but there are doubtless cases where the only course open will be to withdraw from sale a toilet-cream which depends for its efficacy upon the glycerin it contains.

M. E. H. (173/50).—(1) We do not recognise "Courshmann's solution," but will look into the matter further. (2) Aspirin is decomposed by the acid of the stomach, and is thus enabled to exert its medicinal effects. If an alkaline liquid is taken, the natural acid is neutralised and the action of the acetylsalicylic acid is delayed.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," April 14, 1866.

Varia.

At a recent meeting of the Chemical Society, Dr. Frankland gave the results of his analyses of the drinking-waters of London during the several months of the year, the said investigation having been made at the request of the Registrar-General. Dr. Frankland discovered that the amount of solid impurities in London river water is always greatest in wet weather; also that the organic matter it contains is greatly increased during rain. The water was purest during the long drought of last summer, and most contaminated during the rainfall in the latter part of October. This increase in organic matter he attributes chiefly to the flushing of the sewers of these towns which drain into the Thames above Teddington Lock, and in the case of the New River and the Lea to the flow of rain water over the highly-manured fields.

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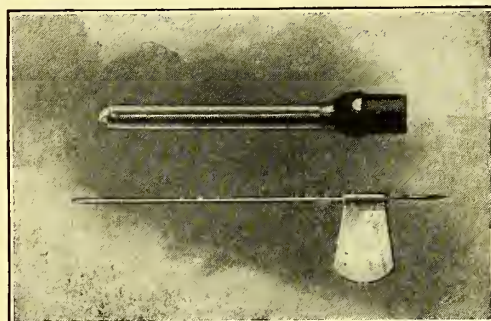
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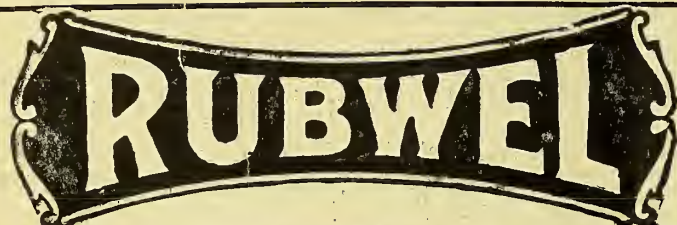
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N.B.—We would draw attention to the fact that all prices quoted herein are subject to alteration without notice, and that where stocks are limited preference is always given to our regular customers.

- A**acetanilide, B.P., 1 lb. @ 10/- lb.; powder, 1 d. lb. extra.
- Acet. Ipecac.**, B.P., 6 lbs. @ 2/4 lb.
- Scilla**, P.B., 6 lbs. @ 5d. lb.
- Acid. Acet. Glacial**, 99%, 6 lbs. @ 2/6 lb.
- Acetylo-Salicyl.** 1 lb. @ 52/- lb.
- Benz.**, B.P., 7 lbs. @ 15/- lb.; 1 lb. @ 15/6 lb.
- Boric Pulv.**, 3 cwt. @ 54/9 cwt.; 1 cwt. @ 55/9 cwt.; leviged, 8/- cwt. or 1 d. lb. extra.
- Carbol. Xils.**, 39/40; 56 lb. drums @ 2/1 lb.; 12 1-lb. Bots. @ 2/4 lb.; Single Bots. @ 2/6 lb.; Detached Cryst. 1 lb. @ 2/8 lb.; Crude Black, 45 gall. casks @ 1/1 gal.; 5 gall. drums @ 1/8 gall.; 1 gall. tins @ 2/2 each.
- Citric, cryst.**, B.P., 85, 7 lbs. in bags @ 3/9 lb.; powder 1 d. lb. extra.
- Diethylbarbituric**, 1 oz. @ 4/6 oz.
- Galle, pur.**, P.B., 7 lbs. @ 4/9 lb.; 1 lb. @ 5/- lb.
- Hydrochlor. Coml.**, cases of 4 2-gal. jars, 28/6 each; 20 case lots @ 27/6 each.
- Hydrocyan.**, P.B., 6 lbs. @ 1/7 lb.; 1 lb. @ 1/11 lb.; 36 1-oz. Vials @ 7/6 doz.
- Oxalic Cryst.**, 1 cwt. @ 1/10 lb.; 14 lbs. @ 1/10 lb.
- Phosph. Dil.**, B.P., 6 lbs. @ 5d. lb.
- Salicyl. pulv.** 1 lb. @ 23/- lb.
- Sulphur, Coml.**, cases, 4 2-gal. jars @ 36/- each; 20 cases @ 35/- each.
- Sulph. Aromat.**, B.P., 5 lbs. @ 4/2 lb.
- Wannic.**, B.P., 1 lb. @ 5/1 lb.
- Yart.**, cryst. or pulv. B.P., 1885, 7 lbs. @ 3/9 lb.; parv. 1 d. lb. extra.
- Adeps Benz.**, B.P., 28 lbs. @ 10d. lb.; 7 lbs. @ 11d. lb.
- Mergo Eris Pulv.**, 14 lbs. @ 1/3 lb.
- Aloes Barb.**, English ground, 28 lbs. @ 120/- cwt.; 7 lbs. @ 1/3 lb.
- Aloes, Socot.**, 7 lbs. @ 1/5 lb.; powder, 7 lbs. @ 1/6 lb.
- Aloia**, B.P., 1 lb. @ 5/6 lb.
- Ammon. Benz.**, 7 lbs. @ 15/6 lb.; 1 lb. @ 16/- lb.
- Ammon. Brom.**, P.B., 1 lb. @ 26/- lb.
- Ammon. Carb. lump**, 8 cwt. @ 6 1/2 lb.; 28 lbs. @ 8d. lb.; 7 lbs. @ 8d. lb.; powder, 1 d. lb. extra.
- Ammon. Chlor.**, 99% pulv., 1 cwt. @ 59/- cwt.; 7 lbs. @ 7 1/2 lb.; Batteries, 6/- cwt. extra.
- Amyli Pulv.**, 10 cwt. @ cwt.; 2 1/2 cwt. @ cwt.; 1 cwt. @ cwt.
- Aniseed**, English ground, 1 cwt. @ 62/- cwt.; 7 lbs. @ 7 1/2 lb.
- Antim. Nig. Pulv.**, 7 lbs. @ 1/4 lb.
- Antim. Tart. pulv.**, 7 lbs. @ 4/- lb.
- Apioi**, 1 lb. @ 29/- lb.
- Aqua Anethi Conc.** 1-40, 1 lb. @ 3/4 lb.
- Anel Conc.** 1-40, 1 lb. @ 3/5 lb.
- Aurant. Conc.** 1-40, 1 lb. @ 6/6 lb.
- Aurant. Trip.**, 6 lbs. @ 8d. lb.; 53 lbs. for 23/-
- Cinnam. Conc.** 1-40, 1 lb. @ 3/9 lb.
- Laucoceal.**, 6 lbs. @ 8d. lb.
- Menth. Pip. Conc.**, 1-40, 1 lb. @ 3/5 lb.
- Rosa Conc.** 1-40, 1 lb. @ 7/5 lb.
- Rosa Trip.**, 53 lbs. for 25/-; 6 lbs. @ 8d. lb.
- Samb. Conc.**, 1-40, 1 lb. @ 6/6 lb.
- Samb. Trip.**, 6 lbs. @ 8d. lb.
- Asarab. fine powder**, 7 lbs. @ 8/- lb.; 1 lb. @ 8/6 lb.
- Argent. Nit.**, 6's to oz., 25 oz. @ 2/1 1/2 oz.; 1 oz. @ 2/4 oz.
- Argent. Nit., Cryst.**, 25 oz. @ 2/- oz.; 8 oz. @ 2/1 oz.
- Arsenic, Alb. Pulv.**, 2 cwt. @ 39/- cwt.; 7 lbs. @ 5d. lb.
- Atropine Sulph.**, P.B., 1 oz. @ 152/6 oz.
- Anri Chlor.**, 6 dos. 15 gr. tubes @ 21/3 doz.; 1 doz. 15 gr. tubes @ 21/6 doz.
- Bals. Copalbm.**, pure, 44 lbs. @ 2/11 lb.; 9 lbs. @ 3/2 lb.; 1 lb. @ 3/6.
- Peruv.**, P.B., 1 lb. @ 24/- lb.
- Sulphur**, 7 lbs. @ 10 1/2 lb.
- Tolnt. B.P.**, 50 lbs. @ 2/3 lb.; 1 lb. @ 3/1 lb.
- Bismuth, P.B.**, Carb., 3 lbs. @ 17/- lb.; 1 lb. @ 17/6 lb.; sublim., same price.
- Boracic Mixture**, 1 cwt. @ 60/- cwt.
- Borax**, 1 cwt. @ 31/6; powder 1/- extra.
- Butyl-Chloral Hydras.**, P.B., 1 lb. @ 1 lb.
- Caffeine**, P.B., 1 lb. @ 40/- lb.
- Caffeine Cit.**, B.P., 1 lb. @ 25/6 lb.
- Calamina, powder**, fine plnk, 5 cwt. @ 11/6 cwt.; 1 cwt. @ 12/6 cwt.; 7 lbs. @ 2d. lb.
- Calamine**, B.P., 1885, 7 lbs. @ 1/2 lb.
- Calcil Carb. Præcip.**, 5 cwt. @ 17/6 cwt.; 1 cwt. @ 22/- cwt.; 28 lbs. @ 26/- cwt.
- Hydras.**, P.B., 1 cwt. @ 25/- cwt.; 7 lbs. @ 5d. lb.
- Hypophosph. Pur.**, P.B., 1 lb. @ 3/- lb.
- Iodid.**, 1 lb. @ 25/- lb.
- Camphor**, English Flowers, "not artificial," 5 lbs. @ 2/5 lb.; 1 oz. or 1/2 oz. 7 lbs. @ 2/4 lb.; good white, about 95% as imported, 140 lbs. @ 1/9 1/2 lb.; 28 lbs. @ 1/10 1/2 lb.
- Cantharides**, Russian, 7 lbs. @ 19/- lb.; powder 6d. lb. extra.
- Capsicine**, soluble, 1 lb. @ 9/6 lb.
- Carbo Animalis or Lign.**, powder or lump, 1 cwt. @ 25/- cwt.; 28 lbs. @ 3 1/2 lb.
- Cardamoms**, 28 lbs. @ 3/10 lb.; 7 lbs. @ 4/- lb.
- Carmin.**, Finest, 1 lb. @ 25/- lb.; No. 2, 1 lb. @ 20/- lb.
- Cera Alba**, B.P., White Moons, 28 lbs. @ 2/2 lb.; 4 lbs. @ 2/4 lb.; Flav. 1 lb. Blocks, 28 lbs. @ 1/9 1/2 lb.; 4 lbs. @ 1/10 1/2 lb.; 1 oz., 1/2 oz. tabs., 7 lbs. @ 1/10 1/2 lb.
- Ceril Oxalas**, 1 lb. @ 5/6 lb.
- Cetaceum**, No. 1, fine white, 64 lbs. @ 1/- lb.; 7 lbs. @ 1/2 lb.; powder, 7 lbs. @ 1/7 lb.
- Chloral Hydras Cryst.**, B.P., 7 lbs. @ 14/- lb.; 1 lb. @ 14/6 lb.
- Chlorodyne**, 5 lbs. @ 2/5 lb.
- Chloroform**, pure, B.P., 12 8-lb. @ 3/1 lb.; 8 lbs. @ 3/2 lb.; 6 1-lb. bots. @ 3/6 lb.
- Cocaine Hydrochlor.**, B.P., 25 oz. @ 28/6 oz.; 4 oz. @ 29/-; 1 oz. @ 30/- oz.
- Codeina**, 1 oz. @ 28/6 oz.; Phosph., 1 oz. @ 21/- oz.; Hydrochlor. or Sulph., 1 oz. @ 22/- oz.
- Colocynth**, Apple, English ground, 1 cwt. @ 1/4 lb.; 28 lbs. @ 1/5 lb.; 7 lbs. @ 1/7 lb.
- Composition Powder (Coffin's)**, 1 cwt. @ 62/- cwt.; 7 lbs. @ 8d. lb.
- Conf. Sennæ**, P.B., 14 lbs. @ 1/- lb.; 7 lbs. @ 1/1 lb.
- Cort. Aurant. Exot. Shreds**, 7 lbs. @ 2/4 lb.
- Cinchon. Rub. (Quill)**, 7 lbs. @ 1/3 lb.
- Ulm Pulv.**, Pulv., 1 cwt. @ 11d. lb.; 7 lbs. @ 1/1 lb.
- Cream of Tartar**, 98% powder, 1 cwt. @ 205/- cwt.; 7 lbs. @ 1/11 lb.
- Creasote**, Beechwood, P.B., 7 lbs. @ 11/- lb.
- Creta c. Camph.**, 7 lbs. @ 10d. lb.
- Gall. Pulv.**, in sacks, 10 cwt. @ 7/9 cwt.; 1 cwt. @ 9/3 cwt.; 14 lbs. @ 1 1/2 lb.
- Præparata**, 7 lbs. in box @ 1/- each.
- Cabebæ**, English Ground, 28 lbs. @ 2/3 lb.; 7 lbs. @ 2/4 lb.
- Dec. Aloes Co. Conc.** 1-2, 6 lbs. @ 2/- lb.; 1 lb. @ 1/3 lb.
- Cinchonæ (Rubræ) Conc.**, 1-7, 6 lbs. @ 2/1 lb.
- Sennæ Conc.**, 6 lbs. @ 2/9 lb.
- Emp. Spread**, 12 yards x 16 ins. adhesive, 6/-; Bellad. B.P.C., Green @ 28/6; Cerat. Saponis @ 12/4; Pilsa Co. @ 12/4; Plumbi @ 10/-; Resinæ @ 7/6; Roborans @ 11/6; Saponis, B.P., @ 10/-.
- Emp. Pilsa**, P.B., 7 lbs. @ 10d. lb.
- Plumbi**, P.B., 7 lbs. @ 11d. lb.
- Resinæ**, P.B., 7 lbs. @ 10d. lb.
- Roborans**, 7 lbs. @ 10d. lb.
- Emulso Ol. Morrhua**, 5 lbs. @ 1/5 lb.
- Eserine Sulph.**, in 15-grain tubes, 7/9 each.
- Ess. Bergam. (Oil)**, 12 lbs. @ 13/- lb.; 1 lb. @ 14/- lb.; not guaranteed absolutely pure.
- Ess. Limonis (oil)** original coppers, 12 lbs. @ 4/3 lb.; 6 1-lb. bots. @ 4/5 lb.; not guaranteed absolutely pure.
- Ess. Moschl (not artificial)**, 5 lbs. @ 13/6 lb.; 1 lb. @ 14/3 lb.
- Ess. Pear (artificial)**, Jargonelle, 5 lbs. @ 2/6 lb.; Bergamot, 3/- lb.
- Ess. Pineapple**, 5 lbs. @ 4/- lb.
- Raspberry**, 5 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
- Vanilla Beans**, 5 lbs. @ 4/6 lb.; 1 lb. @ 4/6 lb.
- Ext. Belladonna Liq.**, B.P., 5 lbs. @ 21/6 lb.; 1 lb. @ 22/6 lb.; solid, 7 lbs. @ 10/- lb.
- Ext. Cannab. Ind.**, Alc., B.P., 1 lb. @ 54/- lb.
- Ext. Cascara Sag. Liq.**, B.P., 1 cwt. @ 17 1/2 lb.; 10 lbs. @ 1/10 lb.
- Ext. Ergot. Liq.**, P.B., 5 lbs. @ 4/10 lb.; 1 lb. @ 5/4 lb.; Solid, P.B., 4 lbs. @ 25/- lb.; 1 lb. @ 26/6 lb.
- Ext. Gent.**, P.B., solid, 1 cwt. @ 1/9 lb.; 7 lbs. @ 1/10 lb.
- Ext. Glycyrrh. Liq.**, B.P., 6 lbs. @ 2/7 lb.
- Ext. Hamamelis Liq.**, P.B., 5 lbs. @ 3/10 lb.
- Ext. Hyoscyam.**, Solid, B.P., 3 lbs. @ 8/6 lb.; 1 lb. @ 9/6 lb.
- Ext. Ipecac. Liq.**, P.B., 5 lbs. @ 32/6 lb.; 1 lb. @ 33/6 lb.
- Ext. Malt a. Ol. Jecoris**, 10 lbs. @ 9 1/2 lb.
- Ext. Nucis Vom. Liq.**, P.B., 5 lbs. @ 4/3 lb.; 1 lb. @ 4/6 lb.; solid, 5 lbs. @ 4/6 lb.; 1 lb. @ 5/- lb.
- Ext. Opil Solid**, P.B., 1 lb. @ 72/- lb.
- Ext. Opil Liq.**, B.P., 5 lbs. @ 5/6 lb.; 1 lb. @ 6/- lb.
- Ext. Quassia**, Solid, 7 lbs. @ 7/6 lb.; 1 lb. @ 8/- lb.
- Ext. Sarsæ Co. Solid**, 7 lbs. @ 6/- lb.; 1 lb. @ 6/6 lb.
- Ferri Ammon. Cit.**, P.B., 28 lbs. @ 3/11 lb.; 7 lbs. @ 4/1 lb.
- Ferri Carb.**, 14 lbs. @ 6d. lb.
- Ferri et Quinina Cit.**, P.B., 100 oss. @ 1/1 1/2 oss.; 25 oss. @ 1/2 oss.
- Ferri Sulph.**, pure cryst., 1 cwt. @ 7 lbs. @ 1 lb.
- Ferrum Redact.**, 80%, 7 lbs. @ 7/6 lb.; 1 lb. @ 7/10.
- Flos. Anth. Exot.**, 7 lbs. @ 1/6 lb.; 2 lb. @ 1/6 lb.
- Fol. Buchn. oval**, 7 lbs. @ 2/8 lb.
- Fol. Sennæ Alex. parv.**, 28 lbs. @ 10d. lb.

*Minimum quantity at these prices; Home Trade, 3 Winchester Quarts assorted; Export, 12 Winchester Quarts assorted.

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Their envelope of organic membrane insures absorption by the intestinal tract instead of by the stomach, thus absolutely avoiding the usual nausea and "repeating."

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WHOLESALE PRICE, 36/- per dozen NET.

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'The Lancet' says: 'Of Standard Purity'

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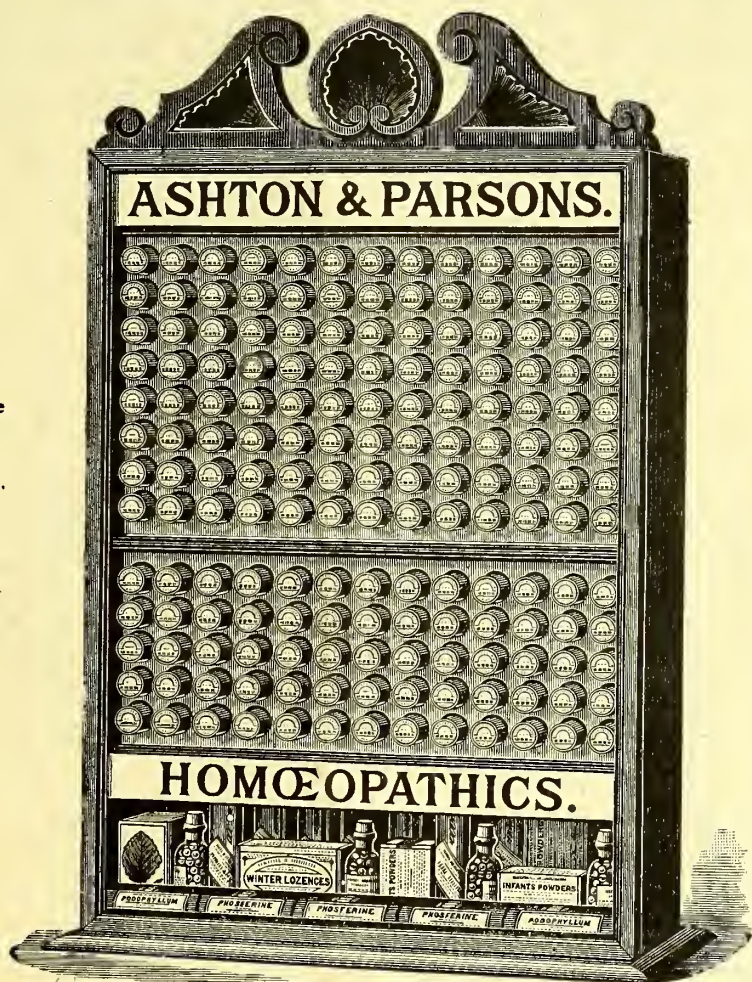
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18/-

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Cures Colic or Gripes in Horses or Cattle, Scour and Weakness in all Young Stock, Blown Cattle and Sheep, Debility, Chills, and Low Condition in all Stock.

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Almost infallible for Tape Worms in Lambs and other Animals; for Husk or Hoose in Calves, Lambs, &c. A speciality for Worms in Horses and Colts.

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For Blood Disorders, Humours, General Weakness, Surfeits, Indigestion, Sterility, &c., in Horses and Beasts. Promotes Growth of Bone. Makes animals "fit" for Show or Sale.

In Canisters at 7/6, 20/-, and 40/-

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For Costiveness, Loss of Cud, Indigestion, Garget, Colds, Fever, Hidebound, &c., in Cattle. Prepares Cows for Calving. Prevents Milk Fever, and cures Bad Cleansing.

12/- per doz. packets.

The Ewe Drench for Ewes, 3/6 per doz.

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Heal all Wounds in Horses, Cattle, and Sheep, Sore Teats and Swollen Udders in Cows and Ewes. For Anointing in difficult Lambing or Calving.

2/6 and 6/- per bottle.

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A Safe Embrocation for Sprains, Swellings, Windgalls, Sprung Sinews, Rheumatism, Sore Throat, Weak Joints, &c.

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Price £1 4s., £2 4s., £5, and £10 10s.; Carriage Paid.

Arranged for Horses, Cattle and Sheep; Horses only; or to suit any class of stock.

WHEN ORDERING PLEASE STATE REQUIREMENTS.

The Chest Illustrated is similar to that at £5 and £2 4s.

Great Specialities.

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Increased Profit to the Trade

IN consequence of the large increases in cost prices of raw materials, bottles, fuel, packing, labour, &c., we are reluctantly compelled to raise the retail prices of our "SANITAS FLUID" in bottles from 6d. and 1/- to 8d. and 1/3 and KINGZETT'S PRESERVED PEROXIDE OF HYDROGEN in bottles from 1/3 to 1/6 respectively. The face values are protected by the P.A.T.A., and these new terms take effect at once.

The rates of supply to the Trade will be as follows :

"SANITAS" FLUID.

8d. bottles, 6/4 per doz.	(showing 26·3 % profit on purchase price), or
„ 6/- „	(showing 33½ % profit on purchase price)
	when forming part of an order amounting to not less than £5 net.
1/3 bottles, 12/- „	(showing 25 % profit on purchase price), or
„ 11/3 „	(showing 33½ % profit on purchase price)
	when forming part of an order amounting to not less than £5 net.

PEROXIDE.

1/6 bottles, 13/6 „	(showing 33½ % profit on purchase price) or
„ 12/6 „	(showing 44 % profit on purchase price)
	when forming part of an order amounting to not less than £5 net.

We trust that these more liberal terms of supply will encourage Chemists to push the sale of the above-named articles.

We pay carriage on orders amounting to £3 net.

Packages are charged extra, but are returnable subject to our usual conditions.

N.B.—We buy back empty "Sanitas" bottles delivered sound and free to our Works, at the following rates :—

8d. bottles	6d. per dozen.
1/3 „	1/- „

The "SANITAS" Co., Ltd., Limehouse, London, E.

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CEREGEN PROTEID
PHOSPHATE

LYSOL "BELL" PATHONE

British Made & British Owned

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A guarantee **Cadbury's Cocoa Essence** (unflavoured)
is absolutely pure & prepared only from the finest selected Cocoa

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CARBONATE, CALCINED AND FLUID.

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